

# Converting Colors

HunterLab(90.8150, -8.9488,  
-5.9630)

Have a look what the booklet for  
HunterLab(90.8150, -8.9488,  
-5.9630) contains.

<b>HunterLab(90.9204, -9.2042, -5.8309)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	12
<i><b>Previews</b></i> .....	24
<i><b>Color Blindness Simulation</b></i> .....	28
<i><b>CSS Examples</b></i> .....	31

# Color

**HunterLab(90.9204, -9.2042,  
-5.8309)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D6EEFF
RGB	214, 238, 255
RGB Percent	84%, 93%, 100%
CMY	0.1608, 0.0666, 0.0000
CMYK	0.16, 0.07, 0.00, 0.00
HSL	205°, 100%, 92%
HSV	205°, 16%, 100%
XYZ	76.3561, 82.6652, 106.5392
YIQ	232.7620, -19.7610, 0.1990

# Conversions

## Conversions Part 2

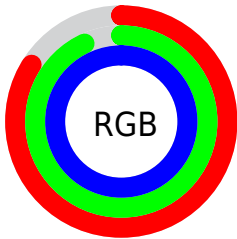
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	214, 229, 255
Decimal	14085887
CIE Lab	92.87, -4.45, -10.85
CIE LCh	93, 11.728, 247.685
Yxy	82.6685, 0.2875, 0.3113
Android (android.graphics.Color)	4292275967 (0xFFD6EEFF)
YUV	232.7620, 10.9633, -16.4543
Hunter-Lab	90.9204, -9.2042, -5.8309

# Details

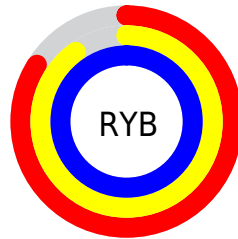
The HunterLab color **90.9204, -9.2042, -5.8309** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **91.2500, 0.6264, 14.9014**, and the grayscale version is **90.1258, -4.8089, 4.8967**.

A 20% lighter version of the original color is **100.0000, -5.3358, 5.4332**, and **67.0105, -7.4705, -6.1099** is the 20% darker color. If you saturate the color by 10%, you get **85.5286, -10.8858, -13.0721**, and if you desaturate by 10%, it is **96.5130, -6.9542, 1.2296**.

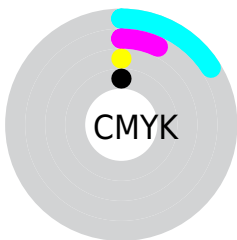
# Distribution



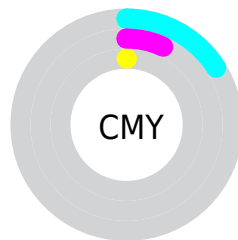
- Red (84%)
- Green (93%)
- Blue (100%)



- Red (84%)
- Yellow (90%)
- Blue (100%)



- Cyan (16%)
- Magenta (7%)
- Yellow (0%)
- Black (0%)



- Cyan (16%)
- Magenta (7%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 90.9204, -9.2042, -5.8309 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the HunterLab color 90.9204, -9.2042, -5.8309 by changing the saturation by 10% instead.



■ 90.9204, -9.2042,  
-5.8309

■ 90.9204, -9.2042,  
-5.8309

224.4730,  
-17.8937, -1.9774

■ 78.6872, -8.3440,  
-6.0467

117.0944,  
-10.9937, -5.2494

■ 67.0563, -7.5031,  
-6.2123

130.9850,  
-11.9189, -4.8941

■ 56.0626, -6.6833,  
-6.3210

145.3851,  
-12.8647, -4.4984

■ 45.7456, -5.8839,  
-6.3674

160.2774,  
-13.8309, -4.0643

■ 36.1530, -5.1038,  
-6.3451

175.6460,  
-14.8172, -3.5936

■ 27.3442, -4.3409,  
-6.2466

191.4768,

■ 19.3964, -3.5908,

-15.8233, -3.0879

-6.0635

207.7564,  
-16.8489, -2.5488

■ 12.4155, -2.8445,  
-5.7909

■ 5.6359, -3.7439,  
-7.7455

■ 90.9204, -9.2042,  
-5.8309

■ 90.9204, -9.2042,  
-5.8309

■ 85.5286, -10.8858,  
-13.0721

■ 96.5130, -6.9542,  
1.2296

■ 80.3506, -11.9158,  
-20.5071

100.0000, -5.3358,  
5.4332

■ 75.4087, -12.2112,  
-28.1325

■ 70.7245, -11.6832,  
-35.9363

■ 66.3202, -10.2450,  
-43.8921

■ 62.2167, -7.8240,  
-51.9566

■ 58.4301, -4.3799,  
-60.0725

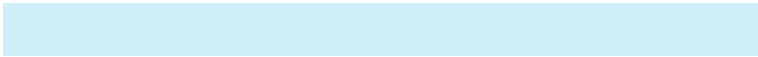
■ 54.9647, 0.0641,  
-68.1827

■ 53.6728, 1.9987,  
-71.4010

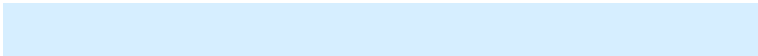
# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



90.9222, -13.8292, -2.0369



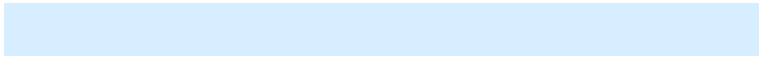
90.9204, -9.2042, -5.8309



90.9222, -3.3044, -6.6431

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



90.9222, -9.2061, -5.8286



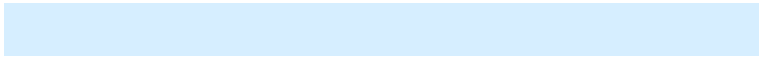
90.9222, 6.8917, 6.4082



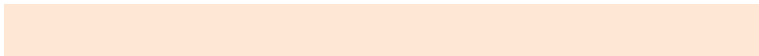
90.9222, -11.8191, 13.2325

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



90.9204, -9.2042, -5.8309



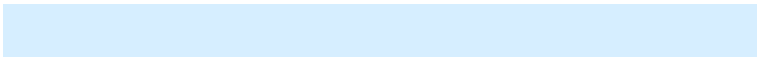
91.2500, 0.6264, 14.9014

# Split Complementary

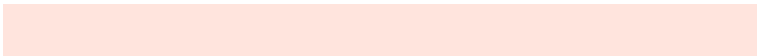
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



90.9222, -6.3978, 15.1912



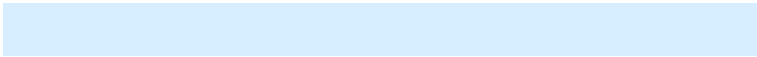
90.9204, -9.2042, -5.8309



90.9222, 4.4787, 11.4213

# Square

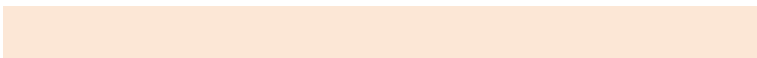
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



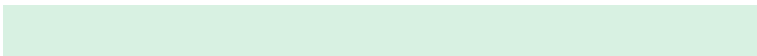
90.9222, -9.2061, -5.8286



90.9222, 6.0925, 0.6719



90.9222, -0.4231, 14.5503

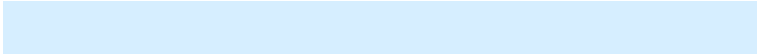


90.9222, -15.3103, 9.0282



# Rectangle

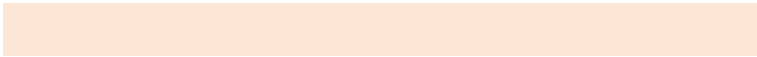
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



90.9204, -9.2042, -5.8309



90.9222, 0.5800, -5.3422



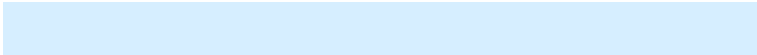
90.9222, -0.4231, 14.5503



90.9222, -10.1677, 14.1625

# Sweetspot

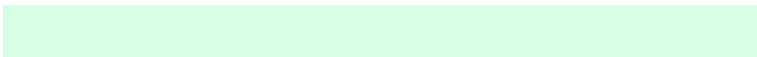
The Sweet Spot groups the original color and five complimentary colors.



90.9222, -9.2061, -5.8286



97.1265, -6.6804, 1.9795



95.6830, -22.2474, 11.9977



44.7500, -3.1736, 0.6896

0.0000, NaN, NaN

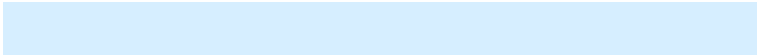


46.2646, -2.4686, 2.5136

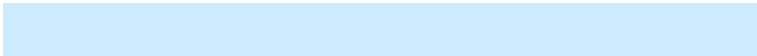


# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



90.9222, -9.2061, -5.8286



89.3247, -9.7594, -7.9260



84.6832, 1.2098, -14.0360



43.7551, -3.6021, -0.5408



39.1845, 0.7705, -50.6405



13.0793, -1.1893, -13.7807



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



86.9067, 13.7074, -1.3957



84.6529, 17.2297, -2.5396



97.4922, -9.7764, 21.2125



42.6210, 2.7062, 0.5997



35.0400, 63.3436, -3.2228

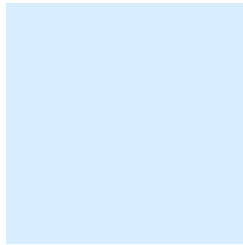


11.0328, 20.1232, -2.3988



# Previews

## White Background



This preview shows how the HunterLab color 90.9204, -9.2042, -5.8309 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

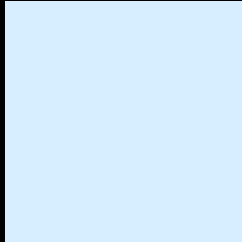
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 90.9204, -9.2042, -5.8309 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

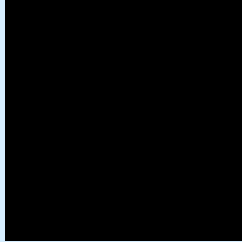
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

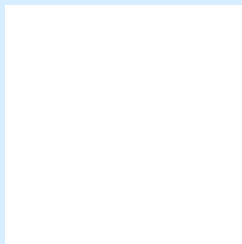
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

# HunterLab 90.9204, -9.2042, -5.8309 Background



This preview shows how black text looks on a background with the HunterLab color 90.9204, -9.2042, -5.8309.



This preview shows how white text looks on a background with the HunterLab color 90.9204, -9.2042, -5.8309.

-5.8309.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



### Original Color

90.9204, -9.2042, -5.8309

### Protanopia

90.9009, -1.3661, -4.0804

### Deuteranopia

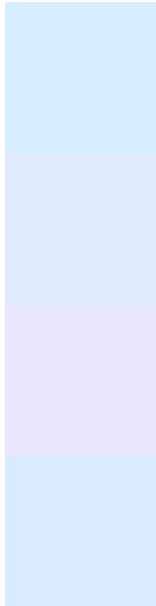
90.6197, 5.7921, -5.9584



## Tritanopia

90.7675, -8.0998, -6.0098

# Trichromacy



## Original Color

90.9204, -9.2042, -5.8309

## Protanomaly

90.9270, -4.4252, -4.6437

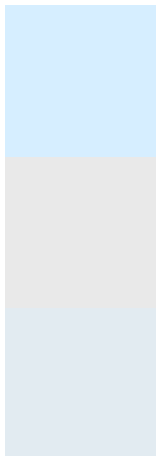
## Deuteranomaly

90.7886, 0.0567, -5.8396

## Tritanomaly

90.6838, -8.3941, -6.1236

# Monochromacy



## Original Color

90.9204, -9.2042, -5.8309

## Achromatopsia

90.2689, -4.8165, 4.9045

## Achromatomaly

90.5187, -6.6655, 1.1517

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 90.9204, -9.2042, -5.8309 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(214, 238, 255)` looks like.

```
.text, #text, p{  
    color:rgb(214, 238, 255)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(214, 238, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 238, 255) }
```

## Border

The CSS property to change the border of an element to HunterLab 90.9204, -9.2042, -5.8309 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(214, 238, 255) }
```



If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(214, 238, 255) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(214, 238, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 238, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 238, 255);  
box-shadow:4px 4px 4px 4px rgb(214, 238,  
255) }
```

# Background

The CSS property to change the background color of an element to HunterLab 90.9204, -9.2042, -5.8309 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 238, 255) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(214,  
238, 255) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor