

# Converting Colors

HunterLab(64.9573, -9.5566,  
-12.7678)

Have a look what the booklet for  
HunterLab(64.9573, -9.5566,  
-12.7678) contains.

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# Color

**HunterLab(64.9796, -9.4518,  
-12.8258)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8CB3CD
RGB	140, 179, 205
RGB Percent	55%, 70%, 80%
CMY	0.4510, 0.2980, 0.1961
CMYK	0.32, 0.13, 0.00, 0.20
HSL	204°, 39%, 68%
HSV	204°, 32%, 80%
XYZ	37.9548, 42.2235, 63.9072
YIQ	170.3030, -31.5900, -0.1820

# Conversions

## Conversions Part 2

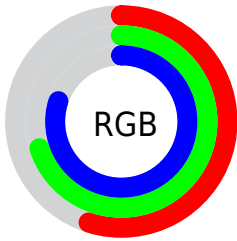
<b>Format</b>	<b>Color</b>
<b>RYB</b>	140, 164, 205
Decimal	9221069
CIELab	71.03, -6.91, -17.41
CIELCh	71, 18.731, 248.349
Yxy	42.2252, 0.2634, 0.2930
Android (android.graphics.Color)	4287411149 (0xFF8CB3CD)
YUV	170.3030, 17.1056, -26.5757
Hunter-Lab	64.9796, -9.4518, -12.8258

# Details

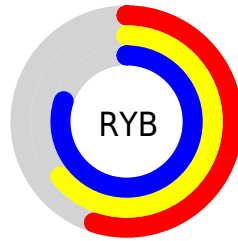
The HunterLab color  $64.9796, -9.4518, -12.8258$  is a light color, and the websafe version is hex  $99CCFF$ . A complement of this color would be  $64.9196, 6.1265, 17.4500$ , and the grayscale version is  $63.4692, -3.3866, 3.4484$ .

A 20% lighter version of the original color is  $88.4527, -12.9974, -9.1392$ , and  $43.8529, -7.2553, -12.6897$  is the 20% darker color. If you saturate the color by 10%, you get  $61.1696, -10.0999, -18.4680$ , and if you desaturate by 10%, it is  $68.9640, -8.2739, -7.3059$ .

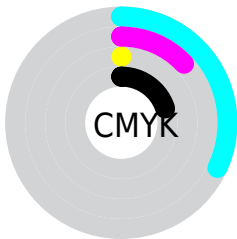
# Distribution



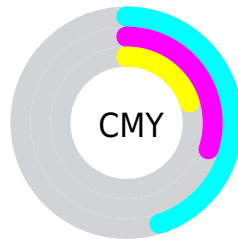
- Red (55%)
- Green (70%)
- Blue (80%)



- Red (55%)
- Yellow (64%)
- Blue (80%)



- Cyan (32%)
- Magenta (13%)
- Yellow (0%)
- Black (20%)



- Cyan (45%)
- Magenta (30%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 64.9796, -9.4518, -12.8258 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 64.9796, -9.4518, -12.8258 by changing the saturation by 10% instead.



■ 64.9796, -9.4518,  
-12.8258

■ 64.9796, -9.4518,  
-12.8258

188.5246,  
-18.6815, -11.7746

■ 54.1088, -8.5041,  
-12.6717

■ 88.6229, -11.3901,  
-12.9450

■ 43.9215, -7.5665,  
-12.4514

■ 101.3295,  
-12.3818, -12.9202

■ 34.4684, -6.6361,  
-12.1604

■ 114.5912,  
-13.3896, -12.8434

■ 25.8118, -5.7069,  
-11.7986

128.3858,  
-14.4141, -12.7176

■ 18.0331, -4.7681,  
-11.3764

142.6933,  
-15.4555, -12.5456

■ 11.2456, -3.7988,  
-10.9440

157.4961,

■ 3.3700, -5.8975,

-16.5138, -12.3297

-22.1295

172.7781,  
-17.5891, -12.0720

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 64.9796, -9.4518,  
-12.8258

■ 64.9796, -9.4518,  
-12.8258

■ 61.1696, -10.0999,  
-18.4680

■ 68.9640, -8.2739,  
-7.3059

■ 57.5454, -10.1522,  
-24.2280

■ 73.1047, -6.6246,  
-1.9130

■ 54.1238, -9.5449,  
-30.0878

■ 77.3900, -4.5594,  
3.3577

■ 50.9201, -8.2201,  
-36.0196

■ 81.8083, -2.1269,  
8.5126

■ 47.9469, -6.1365,

■ 86.3490, 0.6300,

-41.9854

13.5601

■ 45.2114, -3.2859,  
-47.9425

■ 90.1473, 0.7652,  
17.5739

■ 43.0989, -0.4459,  
-52.9073

■ 92.6767, -3.5344,  
20.0940

■ 95.2528, -7.7971,  
22.6062

■ 97.8734, -12.0225,  
25.1096

# Harmonies

## Analogous

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



64.9809, -15.9221, -6.9848



64.9796, -9.4518, -12.8258



64.9809, -1.0553, -14.0057

# Triad

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



64.9809, -9.4525, -12.8246



64.9809, 13.6900, 5.7771



64.9809, -13.4033, 14.6911

# Complementary

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



64.9796, -9.4518, -12.8258



64.9196, 6.1265, 17.4500

# 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.



64.9809, -5.8513, 17.2402



64.9796, -9.4518, -12.8258



64.9809, 9.9951, 12.5490

# Square

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



64.9809, -9.4525, -12.8246



64.9809, 12.6027, -2.5305



64.9809, 2.7356, 16.5103



64.9809, -18.1192, 9.0707



# Rectangle

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



64.9796, -9.4518, -12.8258



64.9809, 4.5587, -11.8639



64.9809, 2.7356, 16.5103



64.9809, -11.1282, 15.9000

# Sweetspot

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



64.9809, -9.4525, -12.8246



94.4164, -8.0948, -1.3729



72.0782, -28.4855, 14.6657



43.3251, -3.9053, -1.0835

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

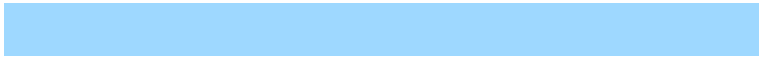


# Same Dimension

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



64.9809, -9.4525, -12.8246



79.8343, -12.7384, -21.2911



55.7080, 6.2007, -27.0368



34.5612, -2.8840, -0.3186



34.2840, -0.8251, -41.0708



8.6741, -1.6119, -7.3623



# Inverse Universe

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



59.1534, 25.3105, -5.8551



71.2168, 40.5695, -9.6290



74.1590, -9.4951, 25.6929



33.6523, 2.0550, 0.4486



29.9826, 54.3796, -4.1414



6.9174, 12.7377, -2.4403



# Previews

## White Background



This preview shows how the HunterLab color 64.9796, -9.4518, -12.8258 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

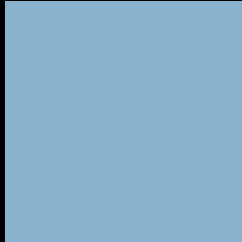
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 64.9796, -9.4518, -12.8258 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

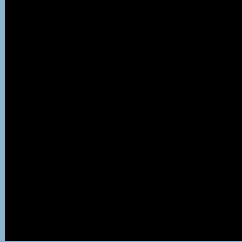
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

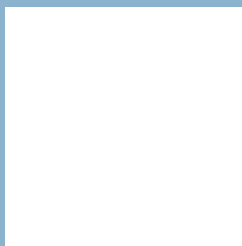
Any Text WCAG AAA ✓ Pass

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

# HunterLab 64.9796, -9.4518, -12.8258 Background



This preview shows how black text looks on a background with the HunterLab color 64.9796, -9.4518, -12.8258.



This preview shows how white text looks on a background with the HunterLab color 64.9796, -9.4518,

-12.8258.

# 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

64.9796, -9.4518, -12.8258

### Protanopia

64.8074, 0.4127, -10.0502

### Deuteranopia

64.7144, 5.0961, -14.1174



## Tritanopia

65.1085, -12.8978, -7.1221

# Trichromacy



## Original Color

64.9796, -9.4518, -12.8258

## Protanomaly

64.9564, -3.5031, -11.0383

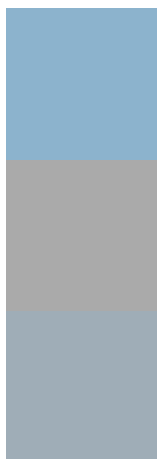
## Deuteranomaly

64.8265, -0.5956, -13.4702

## Tritanomaly

65.0038, -11.3930, -9.4277

# Monochromacy



## Original Color

64.9796, -9.4518, -12.8258

## Achromatopsia

63.4017, -3.3830, 3.4447

## Achromatomaly

63.7785, -5.8508, -2.4493

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 64.9796, -9.4518, -12.8258 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(140, 179, 205)` looks like.

```
.text, #text, p{  
    color:rgb(140, 179, 205)  
}
```

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(140, 179, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 179, 205) }
```

## Border

The CSS property to change the border of an element to HunterLab 64.9796, -9.4518, -12.8258 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(140, 179, 205) }
```



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

```
.border{ border-color:rgb(140, 179, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 179, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 179, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 179, 205);  
box-shadow:4px 4px 4px 4px rgb(140, 179,  
205) }
```

# Background

The CSS property to change the background color of an element to HunterLab 64.9796, -9.4518, -12.8258 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 179, 205) }
```

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

```
.background{ background-color: rgb(140,  
179, 205) }
```

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](#).

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