

# Converting Colors

HunterLab(90.0771, -41.7820,  
-7.4985)

Have a look what the booklet for  
HunterLab(90.0771, -41.7820,  
-7.4985) contains.

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# Color

**HunterLab(90.0665,  
-41.8234, -7.5131)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 5EFFFF                       |
| RGB         | 94, 255, 255                 |
| RGB Percent | 37%, 100%, 100%              |
| CMY         | 0.6313, 0.0000, 0.0000       |
| CMYK        | 0.63, 0.00, 0.00, 0.00       |
| HSL         | 180°, 100%, 68%              |
| HSV         | 180°, 63%, 100%              |
| XYZ         | 58.4262, 81.1197, 107.1860   |
| YIQ         | 206.8610, -95.9560, -34.1320 |

# Conversions

## Conversions Part 2

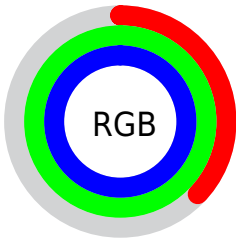
| <b>Format</b>                       | <b>Color</b>   |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">94, 175, 255</a>                                 |
| Decimal                             | <a href="#">6225919</a>                                      |
| CIELab                              | <a href="#">92.19, -41.18, -12.43</a>                        |
| CIElCh                              | <a href="#">92, 43.014, 196.796</a>                          |
| Yxy                                 | <a href="#">81.1202, 0.2368, 0.3288</a>                      |
| Android<br>(android.graphics.Color) | <a href="#">4284415999</a><br>( <a href="#">0xFF5EFFFF</a> ) |
| YUV                                 | <a href="#">206.8610, 23.7325, -98.9791</a>                  |
| Hunter-Lab                          | <a href="#">90.0665, -41.8234, -7.5131</a>                   |

# Details

The HunterLab color **90.0665, -41.8234, -7.5131** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light muted cyan. A complement of this color would be **54.8410, 57.8671, 23.3547**, and the grayscale version is **78.8637, -4.2080, 4.2848**.

A 20% lighter version of the original color is **92.9070, -30.9645, -3.6686**, and **66.6824, -35.3518, -7.0328** is the 20% darker color. If you saturate the color by 10%, you get **89.4356, -44.2867, -8.3843**, and if you desaturate by 10%, it is **90.9385, -38.4500, -6.3195**.

# Distribution



- Red (37%)
- Green (100%)
- Blue (100%)



- Red (37%)
- Yellow (69%)
- Blue (100%)



- Cyan (63%)
- Magenta (0%)
- Yellow (0%)
- Black (0%)



- Cyan (63%)
- Magenta (0%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 90.0665, -41.8234, -7.5131 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 90.0665, -41.8234, -7.5131 by changing the saturation by 10% instead.



90.0665, -41.8234,  
-7.5131

90.0665, -41.8234,  
-7.5131

223.3159,  
-64.1195, -4.1558

77.8721, -39.0936,  
-7.6675

116.1635,  
-47.0665, -7.0543

66.2836, -36.2722,  
-7.7676

130.0185,  
-49.6054, -6.7567

55.3349, -33.3356,  
-7.8085

144.3843,  
-52.1006, -6.4171

45.0659, -30.2523,  
-7.7848

159.2434,  
-54.5587, -6.0375

35.5248, -26.9775,  
-7.6904

174.5800,  
-56.9854, -5.6200

26.7721, -23.4439,  
-7.5185

190.3795,

18.8866, -19.5437,

-59.3852, -5.1662

-7.2634

206.6289,  
-61.7622, -4.6776

■ 11.9769, -16.8325,  
-6.9278

■ 4.9184, -8.6072,  
-10.3275

■ 90.0665, -41.8234,  
-7.5131

■ 90.0665, -41.8234,  
-7.5131

■ 89.4356, -44.2867,  
-8.3843

■ 90.9385, -38.4500,  
-6.3195

■ 89.0246, -45.9022,  
-8.9554

■ 92.0655, -34.1428,  
-4.7946

■ 88.8054, -46.7674,  
-9.2612

■ 93.4574, -28.9023,  
-2.9377

■ 88.7356, -47.0433,  
-9.3587

■ 95.1194, -22.7547,  
-0.7573

■ 97.0527, -15.7458,  
1.7314

■ 99.2551, -7.9365,  
4.5077

■ 100.0000, -5.3358,  
5.4332

# Harmonies

## Analogous

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



90.0667, -42.3916, 13.6152



90.0665, -41.8234, -7.5131



90.0667, -31.9694, -29.6229

# Triad

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



90.0667, -41.8224, -7.5128



90.0667, 28.1309, -27.2114



90.0667, 5.0531, 35.9299

# Complementary

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



90.0665, -41.8234, -7.5131



54.8410, 57.8671, 23.3547

# 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.



90.0667, 26.0043, 29.5709



90.0665, -41.8234, -7.5131



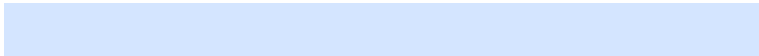
90.0667, 40.1644, -4.7780

# Square

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



90.0667, -41.8224, -7.5128



90.0667, 7.7370, -42.7332



90.0667, 39.3508, 15.7688



90.0667, -16.7067, 35.5355



# Rectangle

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



90.0665, -41.8234, -7.5131



90.0667, -20.8730, -40.4579



90.0667, 39.3508, 15.7688



90.0667, 12.4629, 34.5911

# Sweetspot

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



90.0667, -41.8224, -7.5128



95.8857, -19.9588, 0.2351



86.4341, -63.7014, 44.8795



44.1135, -10.1361, -0.2115

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



90.0667, -41.8224, -7.5128



89.2964, -44.8330, -8.5774



63.2990, -3.8950, -49.6795



45.2565, -6.0147, 1.2523



64.1431, -34.0056, -6.7650



20.0150, -10.6110, -2.1109



# Inverse Universe

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



60.4045, 81.3293, -54.2174



56.4260, 94.1276, -62.9925



72.4816, 17.2114, 36.3000



42.7790, 3.5516, -1.6432



38.5764, 75.8426, -50.8800

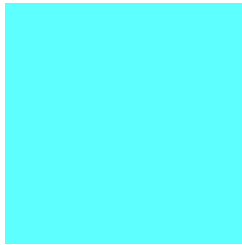


12.0372, 23.6656, -15.8764



# Previews

## White Background



This preview shows how the HunterLab color 90.0665, -41.8234, -7.5131 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

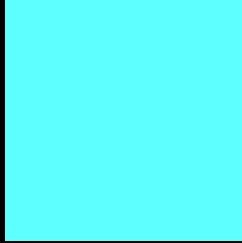
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 90.0665, -41.8234, -7.5131 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

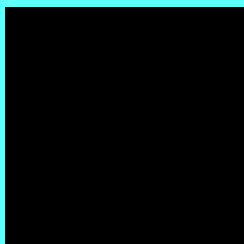
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

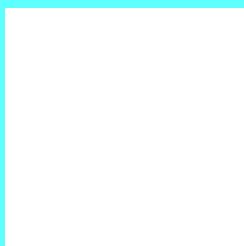
Any Text WCAG AAA ✓ Pass

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

## HunterLab 90.0665, -41.8234, -7.5131 Background



This preview shows how black text looks on a background with the HunterLab color 90.0665, -41.8234, -7.5131.



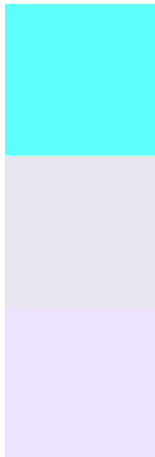
This preview shows how white text looks on a background with the HunterLab color 90.0665, -41.8234, -7.5131.

-41.8234, -7.5131.

# 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

90.0665, -41.8234, -7.5131

### Protanopia

89.1215, -1.9849, 0.5545

### Deuteranopia

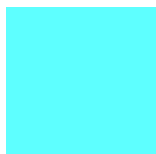
89.2285, 4.2316, -7.8081



## Tritanopia

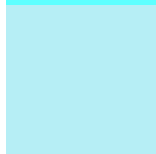
89.6213, -22.2849, -7.7547

# Trichromacy



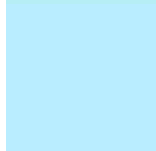
## Original Color

90.0665, -41.8234, -7.5131



## Protanomaly

88.1401, -19.8794, -4.1467



## Deuteranomaly

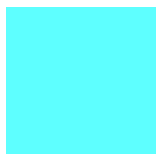
88.3757, -16.6218, -9.3053



## Tritanomaly

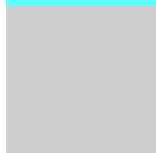
89.3092, -30.3989, -8.3079

# Monochromacy



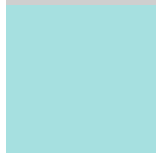
## Original Color

90.0665, -41.8234, -7.5131



## Achromatopsia

78.9912, -4.2148, 4.2917



## Achromatomaly

81.7313, -21.0847, -1.1644

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 90.0665, -41.8234, -7.5131 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(94, 255, 255)` looks like.

```
.text, #text, p{  
    color:rgb(94, 255, 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(94, 255, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 255, 255) }
```

## Border

The CSS property to change the border of an element to HunterLab 90.0665, -41.8234, -7.5131 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(94, 255, 255) }
```



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

```
.border{ border-color:rgb(94, 255, 255) }
```

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

Here you see how a box with a 4 pixel rgb(94, 255, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 255, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 255, 255);  
box-shadow:4px 4px 4px 4px rgb(94, 255,  
255) }
```

# Background

The CSS property to change the background color of an element to HunterLab 90.0665, -41.8234, -7.5131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 255, 255) }
```

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

```
.background{ background-color: rgb(94, 255,  
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](#).

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