

# Converting Colors

HunterLab(72.3819, -15.4462,  
-26.2992)

Have a look what the booklet for  
HunterLab(72.3819, -15.4462,  
-26.2992) contains.

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# Color

**HunterLab(72.3595,  
-15.3401, -26.4642)**

# Conversions

Conversions Part 1	
Format	Color
Hex	78C9F5
RGB	120, 201, 245
RGB Percent	47%, 79%, 96%
CMY	0.5294, 0.2118, 0.0392
CMYK	0.51, 0.18, 0.00, 0.04
HSL	201°, 86%, 72%
HSV	201°, 51%, 96%
XYZ	45.1138, 52.3590, 94.1148
YIQ	181.7970, -62.4000, -3.4880

# Conversions

## Conversions Part 2

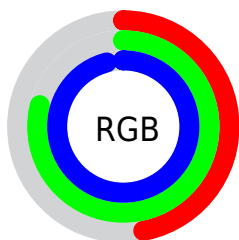
Format	Color
<a href="#">RYB</a>	<a href="#">120, 169, 245</a>
Decimal	<a href="#">7916021</a>
CIELab	<a href="#">77.50, -12.97, -29.32</a>
CIELCh	<a href="#">77, 32.056, 246.135</a>
Yxy	<a href="#">52.3609, 0.2355, 0.2733</a>
Android (android.graphics.Color)	<a href="#">4286106101</a> (0xFF78C9F5)
YUV	<a href="#">181.7970, 31.1591, -54.1960</a>
Hunter-Lab	<a href="#">72.3595, -15.3401, -26.4642</a>

# Details

The HunterLab color **72.3595, -15.3401, -26.4642** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **68.7904, 20.5769, 27.4317**, and the grayscale version is **68.2038, -3.6392, 3.7056**.

A 20% lighter version of the original color is **93.9807, -26.9542, -2.2470**, and **50.4392, -12.6633, -25.7335** is the 20% darker color. If you saturate the color by 10%, you get **68.4973, -15.1460, -32.8327**, and if you desaturate by 10%, it is **76.4702, -14.7147, -20.1160**.

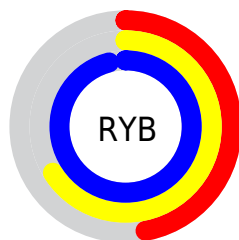
# Distribution



Red (47%)

Green (79%)

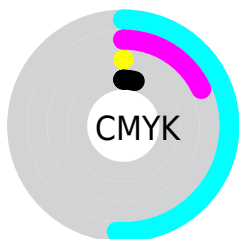
Blue (96%)



Red (47%)

Yellow (66%)

Blue (96%)

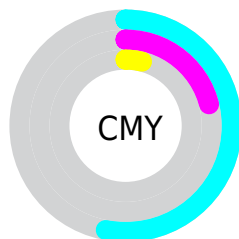


Cyan (51%)

Magenta (18%)

Yellow (0%)

Black (4%)



Cyan (53%)

Magenta (21%)


Yellow (4%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 72.3595, -15.3401, -26.4642 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 72.3595, -15.3401, -26.4642 by changing the saturation by 10% instead.





 72.3595, -15.3401,  
-26.4642

 72.3595, -15.3401,  
-26.4642


198.9544,  
-26.9605, -28.2849


 61.0679, -14.0639,  
-25.9977


 96.7798, -17.8851,  
-27.2285

 50.4324, -12.7781,  
-25.4817


 109.8483,  
-19.1602, -27.5292

 40.4981, -11.4753,  
-24.9245


 123.4571,  
-20.4402, -27.7768

 31.3182, -10.1436,  
-24.3498

137.5857,  
-21.7268, -27.9733

 22.9609, -8.7644,  
-23.8140

152.2156,  
-23.0212, -28.1205

 15.5169, -7.3050,  
-23.4636

167.3302,

 9.1097, -6.6903,

-24.3245, -28.2202

-23.7811

182.9144,  
-25.6374, -28.2744

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 72.3595, -15.3401,  
-26.4642

■ 72.3595, -15.3401,  
-26.4642

■ 68.4973, -15.1460,  
-32.8327

■ 76.4702, -14.7147,  
-20.1160

■ 64.8936, -14.0720,  
-39.1868

■ 80.8093, -13.3404,  
-13.8217

■ 61.5600, -12.0813,  
-45.4802

■ 85.3620, -11.2913,  
-7.6001

■ 58.4983, -9.1794,  
-51.6706

■ 90.1121, -8.6392,  
-1.4638

■ 55.9526, -5.9157,

■ 95.0448, -5.4510,

-57.1657

4.5814

98.9665, -5.8727,  
9.1260

99.6858, -7.0596,  
9.9220

# Harmonies

## Analogous

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



72.3608, -26.0379, -14.4975



72.3595, -15.3401, -26.4642



72.3608, -0.7073, -29.6100

# Triad

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



72.3608, -15.3403, -26.4629



72.3608, 27.6280, 6.8543



72.3608, -20.3428, 23.0250

# Complementary

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



72.3595, -15.3401, -26.4642



68.7904, 20.5769, 27.4317

# 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.



72.3608, -6.9692, 26.5302



72.3595, -15.3401, -26.4642



72.3608, 21.3482, 18.5208

# Square

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



72.3608, -15.3403, -26.4629



72.3608, 24.9226, -8.2679



72.3608, 8.3734, 25.0708



72.3608, -28.7546, 14.3312



# Rectangle

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



72.3595, -15.3401, -26.4642



72.3608, 9.4971, -25.8130



72.3608, 8.3734, 25.0708



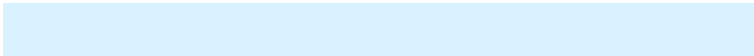
72.3608, -16.3226, 24.7572

# Sweetspot

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



72.3608, -15.3403, -26.4629



92.2832, -10.2261, -4.0980



84.8354, -49.4065, 26.9454



42.2087, -5.0022, -2.5237

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



72.3608, -15.3403, -26.4629



71.6387, -15.8430, -34.4337



53.8336, 16.6222, -61.6802



42.0937, -3.7915, -0.2461



41.3951, -4.8669, -41.2340



13.0335, -2.6262, -10.6215



# Inverse Universe

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



60.8804, 54.4741, -15.3488



58.6949, 68.1931, -17.9892



86.7748, -11.3348, 41.1295



40.8209, 2.6882, 0.2650



34.3936, 62.8871, -8.6821

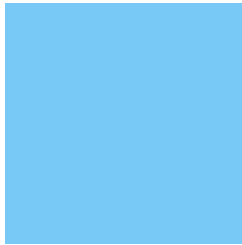


10.2914, 18.9844, -3.8931



# Previews

## White Background



This preview shows how the HunterLab color 72.3595, -15.3401, -26.4642 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

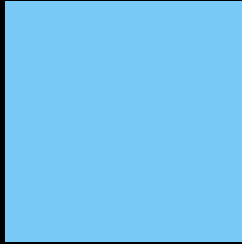
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 72.3595, -15.3401, -26.4642 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 72.3595, -15.3401, -26.4642 Background



This preview shows how black text looks on a background with the HunterLab color 72.3595, -15.3401, -26.4642.



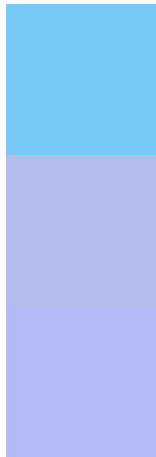
This preview shows how white text looks on a background with the HunterLab color 72.3595, -15.3401, -26.4642.

-15.3401, -26.4642.

# 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

72.3595, -15.3401, -26.4642

### Protanopia

72.1353, 2.2607, -20.7366

### Deuteranopia

71.9604, 5.7204, -28.7285



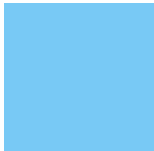

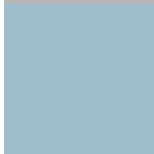
## Tritanopia

72.3749, -23.8148, -12.4329

# Trichromacy

	<b>Original Color</b> 72.3595, -15.3401, -26.4642
	<b>Protanomaly</b> 71.8617, -4.6647, -23.1761
	<b>Deuteranomaly</b> 71.8211, -2.5564, -28.4314
	<b>Tritanomaly</b> 72.4871, -21.0974, -16.9365

# Monochromacy

	<b>Original Color</b> 72.3595, -15.3401, -26.4642
	<b>Achromatopsia</b> 68.3947, -3.6494, 3.7160
	<b>Achromatomaly</b> 69.4074, -9.5521, -6.7371

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 72.3595, -15.3401, -26.4642 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(120, 201, 245)` looks like.

```
.text, #text, p{  
    color:rgb(120, 201, 245)  
}
```

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(120, 201, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 201, 245) }
```

## Border

The CSS property to change the border of an element to HunterLab 72.3595, -15.3401, -26.4642 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(120, 201, 245) }
```



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

```
.border{ border-color:rgb(120, 201, 245) }
```

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

Here you see how a box with a 4 pixel rgb(120, 201, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 201, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 201, 245);  
box-shadow:4px 4px 4px 4px rgb(120, 201,  
245) }
```

# Background

The CSS property to change the background color of an element to HunterLab 72.3595, -15.3401, -26.4642 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 201, 245) }
```

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

```
.background{ background-color: rgb(120,  
201, 245) }
```

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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