

# Converting Colors

HunterLab(72.2351, 16.3900,  
-25.2367)

Have a look what the booklet for  
HunterLab(72.2351, 16.3900,  
-25.2367) contains.

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# Color

**HunterLab(72.2172, 16.5519,  
-25.4776)**

# Conversions

Conversions Part 1	
Format	Color
Hex	CDB4F4
RGB	205, 180, 244
RGB Percent	80%, 71%, 96%
CMY	0.1961, 0.2941, 0.0431
CMYK	0.16, 0.26, 0.00, 0.04
HSL	263°, 74%, 83%
HSV	263°, 26%, 96%
XYZ	57.8272, 52.1532, 92.6066
YIQ	194.7710, -5.6440, 25.2040

# Conversions

## Conversions Part 2

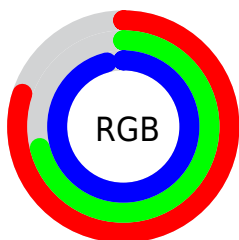
Format	Color
<a href="#">RYB</a>	<a href="#">205, 180, 244</a>
Decimal	<a href="#">13481204</a>
CIELab	<a href="#">77.37, 21.21, -28.50</a>
CIELCh	<a href="#">77, 35.528, 306.651</a>
Yxy	<a href="#">52.1554, 0.2854, 0.2574</a>
Android (android.graphics.Color)	<a href="#">4291671284</a> <a href="#">(0xFFCDB4F4)</a>
YUV	<a href="#">194.7710, 24.2699, 8.9708</a>
Hunter-Lab	<a href="#">72.2172, 16.5519, -25.4776</a>

# Details

The HunterLab color **72.2172, 16.5519, -25.4776** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **91.1361, -22.7697, 27.6661**, and the grayscale version is **73.6795, -3.9314, 4.0031**.

A 20% lighter version of the original color is **94.0590, 4.8379, -1.5925**, and **50.2928, 15.7816, -24.8219** is the 20% darker color. If you saturate the color by 10%, you get **64.1407, 25.2866, -39.1501**, and if you desaturate by 10%, it is **80.6880, 8.1095, -13.0296**.

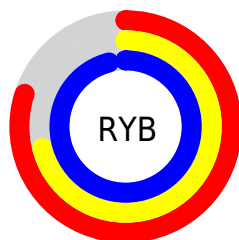
# Distribution



Red (80%)

Green (71%)

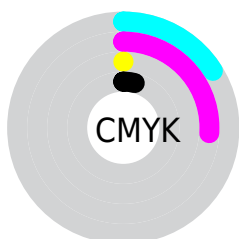
Blue (96%)



Red (80%)

Yellow (71%)

Blue (96%)

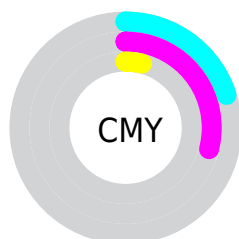


Cyan (16%)

Magenta (26%)

Yellow (0%)

Black (4%)



Cyan (20%)

Magenta (29%)


Yellow (4%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 72.2172, 16.5519, -25.4776 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 72.2172, 16.5519, -25.4776 by changing the saturation by 10% instead.





 72.2172, 16.5519,  
-25.4776

 72.2172, 16.5519,  
-25.4776


198.7552, 17.2628,  
-27.1074

 60.9335, 16.1495,  
-25.0301


 96.6232, 17.1219,  
-26.2002

 50.3064, 15.6602,  
-24.5313


109.6849, 17.3058,  
-26.4796

 40.3809, 15.0713,  
-23.9881

123.2872, 17.4287,  
-26.7057

 31.2107, 14.3686,  
-23.4217

137.4096, 17.4952,  
-26.8806

 22.8640, 13.5342,  
-22.8837

152.0335, 17.5088,  
-27.0063

 15.4319, 12.5467,  
-22.5097

167.1422, 17.4728,

 9.0350, 11.4381,

-27.0848

-22.7657

182.7207, 17.3900,  
-27.1179

0.0000, INF, -NF

0.0000, NaN, -NF

■ 72.2172, 16.5519,  
-25.4776

■ 72.2172, 16.5519,  
-25.4776

■ 64.1407, 25.2866,  
-39.1501

■ 80.6880, 8.1095,  
-13.0296

■ 56.5365, 34.3338,  
-54.3186

■ 89.4875, -0.0801,  
-1.5665

■ 49.5183, 43.6282,  
-71.2016


■ 98.5715, -8.0666,  
9.1171


■ 43.2377, 52.9196,  
-89.7947


■ 99.6553, -7.2276,  
10.3595

■ 37.8895, 61.5967,

-109.5047

 33.6923, 68.5300,  
-128.6539

 30.8116, 72.2975,  
-144.4448

 29.9688, 73.1168,  
-149.5816

# Harmonies

## Analogous

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



72.2187, -0.0606, -33.9391



72.2172, 16.5519, -25.4776



72.2187, 28.4127, -9.4034

# Triad

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



72.2187, 16.5505, -25.4759



72.2187, 9.4578, 26.9158



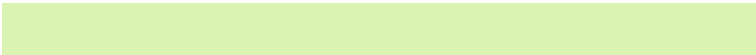
72.2187, -33.3432, 0.2639

# Complementary

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



72.2172, 16.5519, -25.4776



91.1361, -22.7697, 27.6661

# 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.



72.2187, -31.2985, 15.1256



72.2172, 16.5519, -25.4776



72.2187, -7.5771, 28.3604

# Square

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



72.2187, 16.5505, -25.4759



72.2187, 24.0621, 20.0358



72.2187, -22.2238, 24.5691



72.2187, -28.0894, -17.0282



# Rectangle

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



72.2172, 16.5519, -25.4776



72.2187, 31.4732, 2.1046



72.2187, -22.2238, 24.5691



72.2187, -33.4788, 5.7111

# Sweetspot

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



72.2187, 16.5505, -25.4759



92.4045, 1.4405, -3.7393



81.9412, -11.3720, -11.6366



42.0995, 1.2630, -2.5549

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



72.2187, 16.5505, -25.4759



71.7577, 21.8097, -33.5713



75.5648, 27.0247, -20.1192



40.3018, 1.1938, -2.4242



22.2639, 54.0792, -109.2674



7.0231, 16.4717, -29.9144



# Inverse Universe

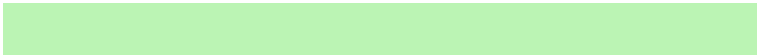
The Inverse Universe completely reimagines the original color for something new.



75.4931, 24.9275, -5.6804



75.9470, 32.1479, -7.7607



88.6688, -31.9714, 25.2030



40.8071, 2.6145, 0.4605



34.1468, 61.9978, -5.2244

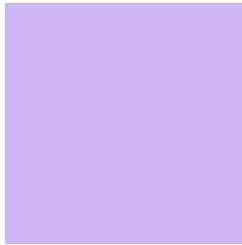


10.2222, 18.7365, -2.9337



# Previews

## White Background



This preview shows how the HunterLab color 72.2172, 16.5519, -25.4776 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

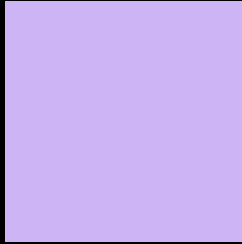
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 72.2172, 16.5519, -25.4776 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 72.2172, 16.5519, -25.4776 Background



This preview shows how black text looks on a background with the HunterLab color 72.2172, 16.5519, -25.4776.



This preview shows how white text looks on a background with the HunterLab color 72.2172, 16.5519, -25.4776.



# 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

72.2172, 16.5519, -25.4776

### Protanopia

72.4391, 4.5441, -29.9840

### Deuteranopia

72.4186, 5.2315, -24.0599



## Tritanopia

72.3077, 1.9566, -1.7382

# Trichromacy



**Original Color**  
72.2172, 16.5519, -25.4776

**Protanomaly**  
72.3424, 8.4974, -28.0581

**Deuteranomaly**  
72.2809, 9.3633, -24.8510

**Tritanomaly**  
72.2339, 7.2576, -9.8065

# Monochromacy



**Original Color**  
72.2172, 16.5519, -25.4776

**Achromatopsia**  
73.8732, -3.9417, 4.0137

**Achromatomaly**  
73.3302, 3.0626, -5.6586

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 72.2172, 16.5519, -25.4776 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(205, 180, 244) looks like.

```
.text, #text, p{  
    color:rgb(205, 180, 244)  
}
```

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(205, 180, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 180, 244) }
```

## Border

The CSS property to change the border of an element to HunterLab 72.2172, 16.5519, -25.4776 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(205, 180, 244) }
```



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

```
.border{ border-color:rgb(205, 180, 244) }
```

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

Here you see how a box with a 4 pixel rgb(205, 180, 244) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 180, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 180, 244);  
box-shadow:4px 4px 4px 4px rgb(205, 180,  
244) }
```

# Background

The CSS property to change the background color of an element to HunterLab 72.2172, 16.5519, -25.4776 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 180, 244) }
```

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

```
.background{ background-color: rgb(205,  
180, 244) }
```

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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