

Converting Colors

HunterLab(50.6426, 2.3208,
-49.5379)

Have a look what the booklet for
HunterLab(50.6426, 2.3208,
-49.5379) contains.

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Color

**HunterLab(50.7302, 2.2527,
-49.4686)**

Conversions

Conversions Part 1	
Format	Color
Hex	508CDE
RGB	80, 140, 222
RGB Percent	31%, 55%, 87%
CMY	0.6862, 0.4510, 0.1294
CMYK	0.64, 0.37, 0.00, 0.13
HSL	215°, 68%, 59%
HSV	215°, 64%, 87%
XYZ	25.8711, 25.7355, 72.7111
YIQ	131.4080, -62.0820, 12.7820

Conversions

Conversions Part 2

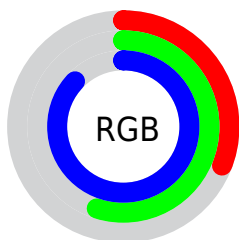
Format	Color
RYB	80, 122, 222
Decimal	5278942
CIELab	57.79, 6.00, -47.60
CIELCh	58, 47.974, 277.183
Yxy	25.7364, 0.2081, 0.2070
Android (android.graphics.Color)	4283469022 (0xFF508CDE)
YUV	131.4080, 44.6619, -45.0848
Hunter-Lab	50.7302, 2.2527, -49.4686

Details

The HunterLab color **50.7302, 2.2527, -49.4686** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle muted azure. A complement of this color would be **64.7705, 9.2726, 33.1250**, and the grayscale version is **47.6501, -2.5425, 2.5889**.

A 20% lighter version of the original color is **71.4301, -4.7923, -34.5974**, and **31.9927, 3.2883, -47.0867** is the 20% darker color. If you saturate the color by 10%, you get **46.2529, 6.0111, -59.9806**, and if you desaturate by 10%, it is **55.5293, -0.5798, -39.5812**.

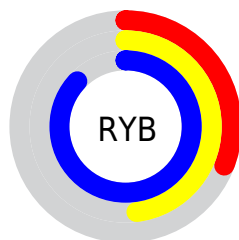
Distribution



Red (31%)

Green (55%)

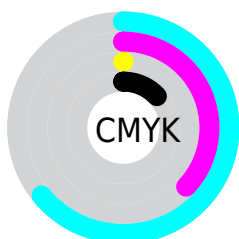
Blue (87%)



Red (31%)

Yellow (48%)

Blue (87%)

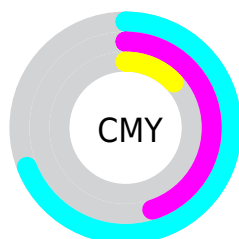


Cyan (64%)

Magenta (37%)

Yellow (0%)

Black (13%)



Cyan (69%)

Magenta (45%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 50.7302, 2.2527, -49.4686 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 50.7302, 2.2527, -49.4686 by changing the saturation by 10% instead.

■ 50.7302, 2.2527,
-49.4686

■ 50.7302, 2.2527,
-49.4686

167.7753, -1.6429,
-55.3855

■ 40.7756, 2.4500,
-48.8853

■ 72.6976, 1.6900,
-50.8827

■ 31.5731, 2.5805,
-48.5315

■ 84.6294, 1.3339,
-51.6154

■ 23.1908, 2.6337,
-48.6614

■ 97.1507, 0.9335,
-52.3320

■ 15.7187, 2.5938,
-49.8800

■ 110.2352, 0.4918,
-53.0204

■ 9.2842, 2.4385,
-53.9691

123.8594, 0.0112,
-53.6733

0.0000, NaN, -NF

0.0000, NaN, -NF

138.0028, -0.5060,

-54.2864

0.0000, NaN, -NF

152.6469, -1.0579,
-54.8575

0.0000, NaN, NaN

■ 50.7302, 2.2527,
-49.4686

■ 50.7302, 2.2527,
-49.4686

■ 46.2529, 6.0111,
-59.9806

■ 55.5293, -0.5798,
-39.5812

■ 42.1405, 10.7884,
-71.0761

■ 60.6069, -2.6045,
-30.3060


■ 38.4387, 16.6138,
-82.6189


■ 65.9287, -3.9360,
-21.5929


■ 36.3916, 20.5316,
-89.8082


■ 71.4652, -4.6779,
-13.3795

■ 77.1920, -4.9198,
-5.6013

 83.0887, -4.7364,
1.8025

 89.1385, -4.1900,
8.8867

 95.0654, -4.2383,
15.4039

 99.0222, -10.7192,
19.4508

Harmonies

Analogous

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



50.7310, -16.9469, -44.6366



50.7302, 2.2527, -49.4686



50.7310, 23.0410, -36.5138

Triad

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



50.7310, 2.2533, -49.4674



50.7310, 32.1995, 20.4381



50.7310, -33.8503, 15.1304

Complementary

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



50.7302, 2.2527, -49.4686



64.7705, 9.2726, 33.1250

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.



50.7310, -24.1683, 24.2996



50.7302, 2.2527, -49.4686



50.7310, 13.2947, 26.4175

Square

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



50.7310, 2.2533, -49.4674



50.7310, 42.0051, 7.1795



50.7310, -7.4887, 27.4832



50.7310, -35.8579, -2.0936

Rectangle

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



50.7302, 2.2527, -49.4686



50.7310, 34.3481, -21.7016



50.7310, -7.4887, 27.4832



50.7310, -31.4683, 19.0170

Sweetspot

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



50.7310, 2.2533, -49.4674



86.8160, -5.6768, -11.2151



75.1687, -46.4925, 19.1018



39.2759, -2.5772, -6.4123

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



50.7310, 2.2533, -49.4674



52.3157, 8.9236, -74.8272



36.2765, 36.0077, -89.9654



37.6702, -2.3054, -1.0472



28.4180, 14.9849, -67.8681



8.5687, 1.6990, -14.3777

Inverse Universe

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



48.1266, 55.7082, 0.0639



51.2771, 76.1017, 3.5159



81.7917, -23.3768, 44.4878



37.1432, 2.0216, 1.2783



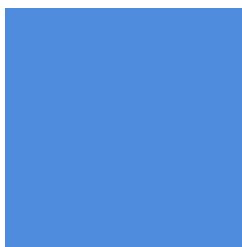
31.1822, 55.0008, 7.7440



8.3161, 14.8693, 0.5080

Previews

White Background



This preview shows how the HunterLab color 50.7302, 2.2527, -49.4686 looks on a white background.

Color Contrast Check

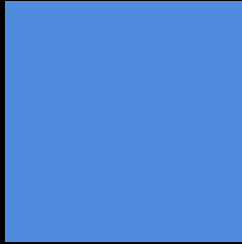
Large Text (above 18pt) WCAG AA ✓ Pass

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 50.7302, 2.2527, -49.4686 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

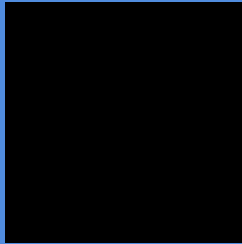
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

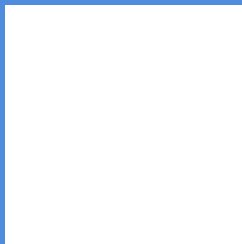
Any Text WCAG AAA × Fail

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

HunterLab 50.7302, 2.2527, -49.4686 Background



This preview shows how black text looks on a background with the HunterLab color 50.7302, 2.2527, -49.4686.

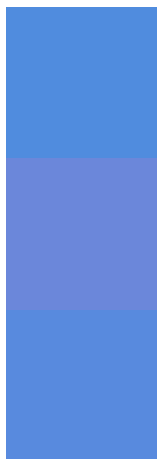


This preview shows how white text looks on a background with the HunterLab color 50.7302, 2.2527, -49.4686.

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

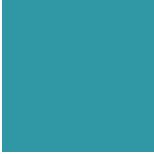
50.7302, 2.2527, -49.4686

Protanopia

50.5131, 8.3639, -46.5825

Deuteranopia

50.5229, 4.4965, -49.8886



Tritanopia

50.7594, -21.4933, -10.1231

Trichromacy



Original Color

50.7302, 2.2527, -49.4686

Protanomaly

50.5442, 5.7047, -47.3691

Deuteranomaly

50.6660, 3.5112, -49.5885

Tritanomaly

50.6392, -13.8534, -22.7789

Monochromacy



Original Color

50.7302, 2.2527, -49.4686

Achromatopsia

47.6409, -2.5420, 2.5884

Achromatomaly

48.1407, -3.0139, -13.6448

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 50.7302, 2.2527, -49.4686 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(80, 140, 222)` looks like.

```
.text, #text, p{  
    color:rgb(80, 140, 222)  
}
```

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(80, 140, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 140, 222) }
```

Border

The CSS property to change the border of an element to HunterLab 50.7302, 2.2527, -49.4686 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(80, 140, 222) }
```


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

```
.border{ border-color:rgb(80, 140, 222) }
```

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

Here you see how a box with a 4 pixel rgb(80, 140, 222) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 140, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 140, 222);  
box-shadow:4px 4px 4px 4px rgb(80, 140,  
222) }
```

Background

The CSS property to change the background color of an element to HunterLab 50.7302, 2.2527, -49.4686 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 140, 222) }
```

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

```
.background{ background-color: rgb(80, 140,  
222) }
```

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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