

Converting Colors

HunterLab(50.3872, 12.2359,
-80.0612)

Have a look what the booklet for
HunterLab(50.3872, 12.2359,
-80.0612) contains.

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Color

**HunterLab(50.3872, 12.2359,
-80.0612)**

Conversions

Conversions Part 1

Format	Color
Hex	3887FF
RGB	56, 135, 255
RGB Percent	22%, 53%, 100%
CMY	0.7803, 0.4706, 0.0000
CMYK	0.78, 0.47, 0.00, 0.00
HSL	216°, 100%, 61%
HSV	216°, 78%, 100%
XYZ	28.3448, 25.3887, 98.0143
YIQ	125.0590, -85.6040, 20.5720

Conversions

Conversions Part 2

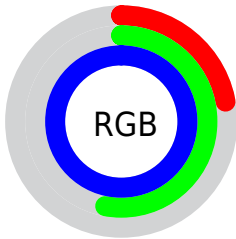
Format	Color
R _Y B	56, 113, 255
Decimal	3704831
CIE Lab	57.45, 17.45, -66.47
CIE LCh	57, 68.720, 284.710
Yxy	25.3894, 0.1868, 0.1673
Android (android.graphics.Color)	4281894911 (0xFF3887FF)
YUV	125.0590, 64.0609, -60.5647
Hunter-Lab	50.3872, 12.2359, -80.0612

Details

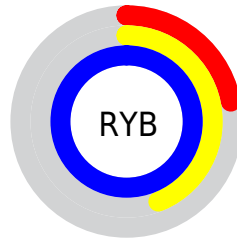
The HunterLab color **50.3872, 12.2359, -80.0612** is a dark color, and the websafe version is hex **6699FF**. The color can be described as middle washed azure. A complement of this color would be **72.5276, 14.5490, 41.8856**, and the grayscale version is **45.0924, -2.4060, 2.4500**.

A 20% lighter version of the original color is **69.2905, -4.3202, -38.3324**, and **32.6907, 15.9909, -75.3802** is the 20% darker color. If you saturate the color by 10%, you get **45.6576, 18.9000, -94.3906**, and if you desaturate by 10%, it is **55.6112, 6.8530, -66.4790**.

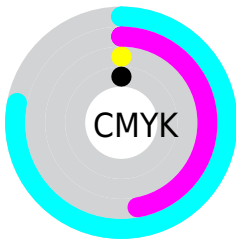
Distribution



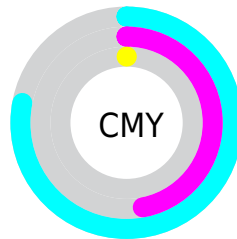
- Red (22%)
- Green (53%)
- Blue (100%)



- Red (22%)
- Yellow (44%)
- Blue (100%)



- Cyan (78%)
- Magenta (47%)
- Yellow (0%)
- Black (0%)



- Cyan (78%)
- Magenta (47%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 50.3872, 12.2359, -80.0612 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 50.3872, 12.2359, -80.0612 by changing the saturation by 10% instead.

■ 50.3872, 12.2359,
-80.0612

■ 50.3872, 12.2359,
-80.0612

167.2637, 12.6785,
-86.7357

■ 40.4566, 11.8328,
-80.1811

■ 72.3106, 12.7821,
-80.9443

■ 31.2802, 11.3236,
-81.0766

■ 84.2222, 12.9416,
-81.6638

■ 22.9266, 10.6916,
-83.4315

■ 96.7244, 13.0352,
-82.4683

■ 15.4868, 9.9129,
-88.8556

■ 109.7905, 13.0683,
-83.3170

■ 9.0834, 8.9933,
-102.1805

123.3971, 13.0457,
-84.1833

0.0000, INF, -NF

0.0000, NaN, -NF

137.5235, 12.9710,

-85.0493

0.0000, NaN, -NF

152.1512, 12.8476,
-85.9029

0.0000, NaN, -NF

■ 50.3872, 12.2359,
-80.0612

■ 50.3872, 12.2359,
-80.0612

■ 45.6576, 18.9000,
-94.3906

■ 55.6112, 6.8530,
-66.4790

■ 41.4757, 26.7810,
-109.2170

■ 61.2625, 2.6585,
-53.7654

■ 40.7063, 28.4148,
-112.2188

■ 67.2829, -0.4888,
-41.9179

■ 73.6223, -2.7398,
-30.8723

■ 80.2392, -4.2335,
-20.5383

■ 87.0995, -5.0902,
-10.8198

■ 94.1755, -5.4105,
-1.6264

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.



50.3879, -16.5465, -79.7369



50.3872, 12.2359, -80.0612



50.3879, 42.7550, -51.2681

Triad

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



50.3879, 12.2371, -80.0593



50.3879, 43.2853, 27.5845



50.3879, -45.9291, 14.8040

Complementary

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



50.3872, 12.2359, -80.0612



72.5276, 14.5490, 41.8856

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.



50.3879, -36.1775, 27.7285



50.3872, 12.2359, -80.0612



50.3879, 12.8444, 31.7505

Square

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



50.3879, 12.2371, -80.0593



50.3879, 63.2444, 14.4213



50.3879, -16.0615, 31.7819



50.3879, -46.0202, -12.6413

Rectangle

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



50.3872, 12.2359, -80.0612



50.3879, 58.1628, -25.5282



50.3879, -16.0615, 31.7819



50.3879, -43.7907, 20.5257

Sweetspot

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



50.3879, 12.2371, -80.0593



83.6632, -4.7376, -15.5761



86.8748, -59.2217, 24.6725



37.5665, -2.0317, -8.8471

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



50.3879, 12.2371, -80.0593



43.0958, 23.4757, -103.1923



34.0338, 58.1273, -142.8265



43.0823, -2.4953, -1.3647



29.8826, 19.4460, -79.3290



10.3716, 3.7501, -21.0590

Inverse Universe

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



50.8323, 76.1851, 5.9206



47.6925, 82.1686, 12.3285



94.5966, -32.0063, 55.3834



42.5518, 2.3346, 1.5857



34.1019, 59.9272, 10.2020



10.7384, 19.0558, 1.7769

Previews

White Background



This preview shows how the HunterLab color 50.3872, 12.2359, -80.0612 looks on a white background.

Color Contrast Check

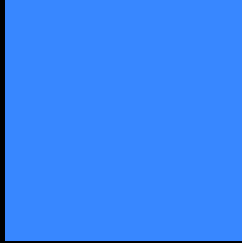
Large Text (above 18pt) WCAG AA ✓ Pass

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 50.3872, 12.2359, -80.0612 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

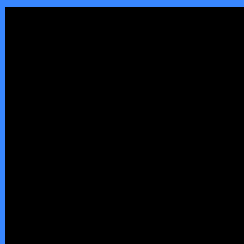
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

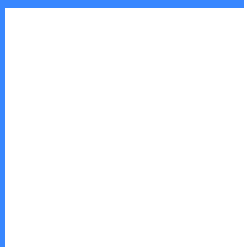
Any Text WCAG AAA × Fail

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

HunterLab 50.3872, 12.2359, -80.0612 Background



This preview shows how black text looks on a background with the HunterLab color 50.3872, 12.2359, -80.0612.



This preview shows how white text looks on a background with the HunterLab color 50.3872, 12.2359, -80.0612.

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

50.3872, 12.2359, -80.0612

Protanopia

50.3615, 14.7210, -78.1135

Deuteranopia

50.4083, 3.8983, -71.4214



Tritanopia

50.1007, -24.1187, -10.5562

Trichromacy



Original Color

50.3872, 12.2359, -80.0612

Protanomaly

50.4330, 13.6697, -78.9171

Deuteranomaly

50.1650, 6.4193, -74.9011

Tritanomaly

49.6911, -13.2073, -31.9247

Monochromacy



Original Color

50.3872, 12.2359, -80.0612

Achromatopsia

45.2856, -2.4163, 2.4605

Achromatomaly

46.2476, -1.6088, -21.5672

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 50.3872, 12.2359, -80.0612 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(56, 135, 255)` looks like.

```
.text, #text, p{  
    color:rgb(56, 135, 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(56, 135, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 135, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 50.3872, 12.2359, -80.0612 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(56, 135, 255) }
```


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

```
.border{ border-color:rgb(56, 135, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(56, 135, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(56, 135, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(56, 135, 255); box-shadow:4px 4px 4px 4px rgb(56, 135, 255) }
```

Background

The CSS property to change the background color of an element to HunterLab 50.3872, 12.2359, -80.0612 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 135, 255) }
```

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

```
.background{ background-color: rgb(56, 135,  
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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