

Converting Colors

HunterLab(51.3276, -2.8610,
-28.2232)

Have a look what the booklet for
HunterLab(51.3276, -2.8610,
-28.2232) contains.

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Color

**HunterLab(51.2780, -2.9606,
-28.1512)**

Conversions

Conversions Part 1

Format	Color
Hex	648FC3
RGB	100, 143, 195
RGB Percent	39%, 56%, 76%
CMY	0.6078, 0.4392, 0.2353
CMYK	0.49, 0.27, 0.00, 0.24
HSL	213°, 44%, 58%
HSV	213°, 49%, 76%
XYZ	24.9283, 26.2943, 55.3911
YIQ	136.0710, -42.3200, 7.0560

Conversions

Conversions Part 2

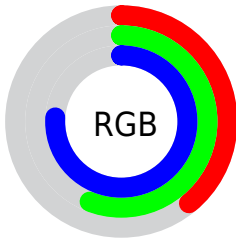
Format	Color
R_{YB}	100, 130, 195
Decimal	6590403
CIE _{Lab}	58.32, -0.27, -31.53
CIE _{LCh}	58, 31.528, 269.505
Yxy	26.2953, 0.2338, 0.2466
Android (android.graphics.Color)	4284780483 (0xFF648FC3)
YUV	136.0710, 29.0520, -31.6343
Hunter-Lab	51.2780, -2.9606, -28.1512

Details

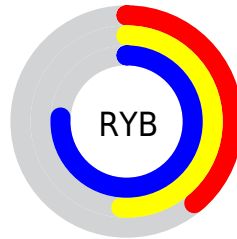
The HunterLab color $51.2780, -2.9606, -28.1512$ is a dark color, and the websafe version is hex $6699CC$. A complement of this color would be $59.1436, 5.2549, 24.4486$, and the grayscale version is $49.5483, -2.6438, 2.6921$.

A 20% lighter version of the original color is $73.4366, -4.4175, -29.1805$, and $32.0396, -1.9264, -26.9229$ is the 20% darker color. If you saturate the color by 10%, you get $47.1799, -1.2322, -35.8322$, and if you desaturate by 10%, it is $55.5898, -4.0671, -20.8839$.

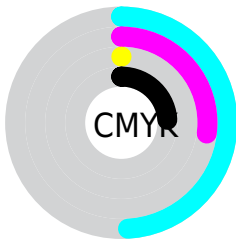
Distribution



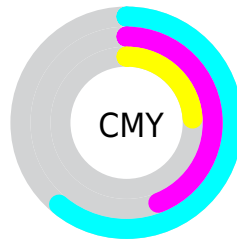
- Red (39%)
- Green (56%)
- Blue (76%)



- Red (39%)
- Yellow (51%)
- Blue (76%)



- Cyan (49%)
- Magenta (27%)
- Yellow (0%)
- Black (24%)



- Cyan (61%)
- Magenta (44%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.2780, -2.9606, -28.1512 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 51.2780, -2.9606, -28.1512 by changing the saturation by 10% instead.

■ 51.2780, -2.9606,
-28.1512

■ 51.2780, -2.9606,
-28.1512

168.5908, -9.3346,
-31.3516

■ 41.2852, -2.4114,
-27.5606

■ 73.3150, -4.1657,
-29.2194

■ 32.0412, -1.9009,
-26.9684

■ 85.2788, -4.8177,
-29.6801

■ 23.6134, -1.4324,
-26.4412

■ 97.8307, -5.5004,
-30.0877

■ 16.0903, -1.0100,
-26.1485

■ 110.9443, -6.2126,
-30.4421

■ 9.5975, -0.6393,
-26.6009

124.5966, -6.9531,
-30.7441

0.0000, NaN, -NF

0.0000, NaN, -NF

138.7670, -7.7209,

-30.9953

0.0000, NaN, NaN

153.4372, -8.5150,
-31.1972

0.0000, NaN, NaN

■ 51.2780, -2.9606,
-28.1512

■ 51.2780, -2.9606,
-28.1512

■ 47.1799, -1.2322,
-35.8322

■ 55.5898, -4.0671,
-20.8839

■ 43.3206, 1.2094,
-43.9476

■ 60.0881, -4.6375,
-13.9996

■ 39.7325, 4.4489,
-52.4833

■ 64.7531, -4.7484,
-7.4568

■ 36.4474, 8.5431,
-61.3800

■ 69.5673, -4.4657,
-1.2139

■ 33.4767, 13.4361,
-70.5778

■ 74.5159, -3.8448,
4.7685

■ 33.1102, 14.0916,
-71.8046

■ 79.5864, -2.9321,
10.5262

■ 84.7683, -1.7664,
16.0909

■ 89.9462, -0.7441,
21.3782

■ 93.2588, -6.2978,
24.5311

Harmonies

Analogous

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



51.2789, -15.1346, -23.0451



51.2780, -2.9606, -28.1512



51.2789, 10.5358, -23.3559

Triad

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



51.2789, -2.9607, -28.1501



51.2789, 21.5879, 13.4267



51.2789, -23.0497, 13.7080

Complementary

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



51.2780, -2.9606, -28.1512



59.1436, 5.2549, 24.4486

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.



51.2789, -14.7870, 19.8295



51.2780, -2.9606, -28.1512



51.2789, 10.9591, 19.6988

Square

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



51.2789, -2.9607, -28.1501



51.2789, 25.5597, 2.5796



51.2789, -2.5167, 21.7077



51.2789, -25.9811, 3.0020

Rectangle

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



51.2780, -2.9606, -28.1512



51.2789, 18.2948, -15.7482



51.2789, -2.5167, 21.7077



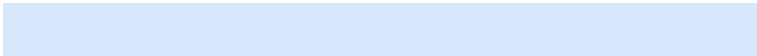
51.2789, -20.8482, 16.2595

Sweetspot

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



51.2789, -2.9607, -28.1501



88.8807, -6.2787, -7.0262



66.3051, -34.3818, 14.2004



40.9497, -2.9636, -4.1383

0.0000, NaN, NaN



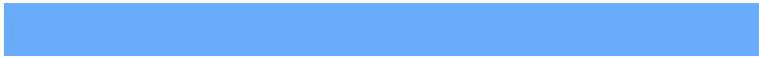
46.2646, -2.4686, 2.5136

Same Dimension

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



51.2789, -2.9607, -28.1501



63.0424, -1.5981, -48.1474



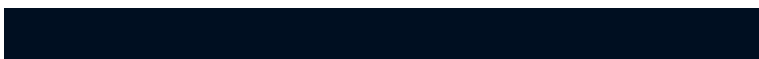
39.9361, 19.5987, -51.6997



32.3760, -2.1014, -0.7527



26.9973, 10.7136, -56.8720



6.7263, 0.1049, -8.6338

Inverse Universe

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



47.6451, 36.5881, -2.3398



58.3814, 59.6977, -2.7730



71.5091, -16.5270, 33.7770



31.8622, 1.7117, 0.9939



28.3161, 50.1776, 5.2320



6.0026, 10.8545, -0.5768

Previews

White Background



This preview shows how the HunterLab color 51.2780, -2.9606, -28.1512 looks on a white background.

Color Contrast Check

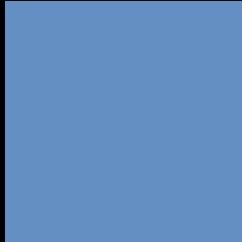
Large Text (above 18pt) WCAG AA ✓ Pass

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 51.2780, -2.9606, -28.1512 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 51.2780, -2.9606, -28.1512 Background



This preview shows how black text looks on a background with the HunterLab color 51.2780, -2.9606, -28.1512.



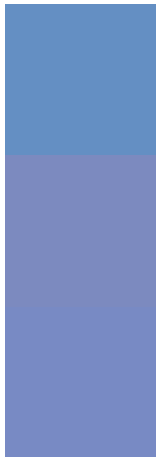
This preview shows how white text looks on a background with the HunterLab color 51.2780, -2.9606,

-28.1512.

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

51.2780, -2.9606, -28.1512

Protanopia

51.2090, 3.8175, -25.4468

Deuteranopia

51.1425, 4.0323, -28.9601



Tritanopia

51.1781, -15.2700, -7.7943

Trichromacy



Original Color

51.2780, -2.9606, -28.1512

Protanomaly

51.1926, 0.9408, -26.1962

Deuteranomaly

51.2371, 1.4433, -28.8353

Tritanomaly

51.1974, -11.1813, -14.4325

Monochromacy



Original Color

51.2780, -2.9606, -28.1512

Achromatopsia

49.6187, -2.6475, 2.6959

Achromatomaly

50.1104, -4.0300, -6.9344

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.2780, -2.9606, -28.1512 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(100, 143, 195)` looks like.

```
.text, #text, p{  
    color:rgb(100, 143, 195)  
}
```

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(100, 143, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 143, 195) }
```

Border

The CSS property to change the border of an element to HunterLab 51.2780, -2.9606, -28.1512 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(100, 143, 195) }
```


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

```
.border{ border-color:rgb(100, 143, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 143, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 143, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 143, 195);  
box-shadow:4px 4px 4px 4px rgb(100, 143,  
195) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.2780, -2.9606, -28.1512 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 143, 195) }
```

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

```
.background{ background-color: rgb(100,  
143, 195) }
```

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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