

Converting Colors

HunterLab(58.5813, -27.8580,
12.7827)

Have a look what the booklet for
HunterLab(58.5813, -27.8580,
12.7827) contains.

HunterLab(58.5813, -27.8580, 12.7827)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(58.5813,
-27.8580, 12.7827)**

Conversions

Conversions Part 1

Format	Color
Hex	64AD86
RGB	100, 173, 134
RGB Percent	39%, 68%, 53%
CMY	0.6078, 0.3216, 0.4745
CMYK	0.42, 0.00, 0.23, 0.32
HSL	148°, 31%, 54%
HSV	148°, 42%, 68%
XYZ	24.5022, 34.3177, 27.8868
YIQ	146.7270, -30.9890, -27.6050

Conversions

Conversions Part 2

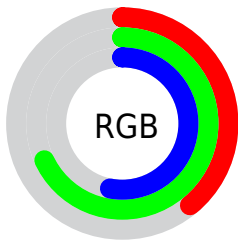
Format	Color
RYB	100, 150, 173
Decimal	6598022
CIELab	65.22, -31.84, 13.01
CIELCh	65, 34.399, 157.771
Yxy	34.3191, 0.2826, 0.3958
Android (android.graphics.Color)	4284788102 (0xFF64AD86)
YUV	146.7270, -6.2744, -40.9796
Hunter-Lab	58.5813, -27.8580, 12.7827

Details

The HunterLab color **58.5813, -27.8580, 12.7827** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **44.5684, 27.9479, -4.5440**, and the grayscale version is **53.9404, -2.8781, 2.9307**.

A 20% lighter version of the original color is **81.5454, -32.5658, 15.4951**, and **38.3111, -22.8330, 10.2269** is the 20% darker color. If you saturate the color by 10%, you get **57.6093, -32.1191, 15.0513**, and if you desaturate by 10%, it is **59.7343, -22.9639, 10.5162**.

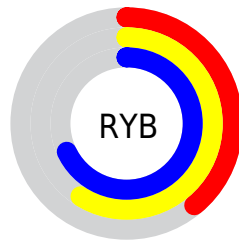
Distribution



Red (39%)

Green (68%)

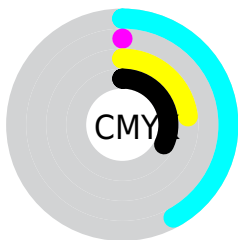
Blue (53%)



Red (39%)

Yellow (59%)

Blue (68%)

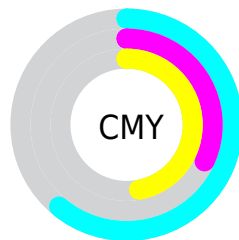


Cyan (42%)

Magenta (0%)

Yellow (23%)

Black (32%)



Cyan (61%)

Magenta (32%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 58.5813, -27.8580, 12.7827 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 58.5813, -27.8580, 12.7827 by changing the saturation by 10% instead.

■ 58.5813, -27.8580,
12.7827

■ 58.5813, -27.8580,
12.7827

179.3189,
-47.2830, 24.4053

■ 48.1029, -25.4233,
11.4825

■ 81.5043, -32.4751,
15.3515

■ 38.3354, -22.8671,
10.1586

■ 93.8768, -34.6911,
16.6303

■ 29.3366, -20.1475,
8.7967

■ 106.8189,
-36.8617, 17.9106

■ 21.1786, -17.1961,
7.3726

■ 120.3064,
-38.9956, 19.1948

■ 13.9592, -13.8963,
5.8459

134.3181,
-41.0997, 20.4851

■ 7.5983, -13.2970,
5.3188

148.8352,

0.0000, NaN, NaN

-43.1795, 21.7829

0.0000, NaN, NaN

163.8406,
-45.2393, 23.0893

0.0000, NaN, NaN

■ 58.5813, -27.8580,
12.7827

■ 58.5813, -27.8580,
12.7827

■ 57.6093, -32.1191,
15.0513

■ 59.7343, -22.9639,
10.5162

■ 56.8117, -35.7169,
17.2917

■ 61.0650, -17.4764,
8.2762

■ 56.1832, -38.6431,
19.4749

■ 62.5727, -11.4485,
6.0865

■ 55.7138, -40.9111,
21.5713

■ 64.2535, -4.9381,
3.9669

■ 55.3885, -42.5622,
23.5515

■ 66.1020, 1.9946,
1.9330

■ 55.2052, -43.5378,
24.9839

■ 68.1118, 9.2903,
-0.0033

■ 70.2756, 16.8926,
-1.8340

■ 72.5858, 24.7501,
-3.5541

■ 74.9452, 32.5497,
-5.2833

Harmonies

Analogous

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



58.5825, -20.0168, 21.2192



58.5813, -27.8580, 12.7827



58.5825, -29.4248, -0.7066

Triad

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



58.5825, -27.8588, 12.7833



58.5825, 0.8858, -31.6944



58.5825, 21.8768, 17.8207

Complementary

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



58.5813, -27.8580, 12.7827



44.5684, 27.9479, -4.5440

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.



58.5825, 28.8198, 6.8338



58.5813, -27.8580, 12.7827



58.5825, 15.9192, -23.3981

Square

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



58.5825, -27.8588, 12.7833



58.5825, -13.8062, -28.9236



58.5825, 26.5350, -8.3655



58.5825, 8.3724, 23.5669

Rectangle

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



58.5813, -27.8580, 12.7827



58.5825, -26.8650, -11.3412



58.5825, 26.5350, -8.3655



58.5825, 25.1152, 14.7458

Sweetspot

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



58.5825, -27.8588, 12.7833



83.5185, -16.1833, 8.4433



60.3301, -22.4807, 24.9324



38.7257, -8.3720, 4.2271



93.2148, -4.9737, 5.0645



40.3295, -2.1519, 2.1912

Same Dimension

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



58.5825, -27.8588, 12.7833



77.1313, -42.8218, 20.0499



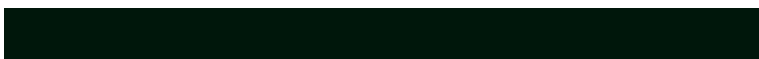
59.5615, -22.1337, -1.2243



29.9985, -4.5745, 2.6009



47.3283, -37.2418, 21.2380



7.9640, -5.7781, 2.5189

Inverse Universe

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



44.5684, 27.9479, -4.5440



54.7701, 46.8863, -7.1910



43.5794, 23.1560, 9.5667



28.4327, 1.5800, 0.6250



26.6676, 47.8620, 0.2331



4.5690, 8.4196, -1.6603

Previews

White Background



This preview shows how the HunterLab color 58.5813, -27.8580, 12.7827 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 58.5813, -27.8580, 12.7827 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

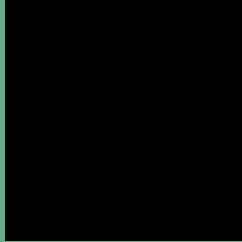
Any Text WCAG AA ✓ Pass

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 58.5813, -27.8580, 12.7827 Background



This preview shows how black text looks on a background with the HunterLab color 58.5813, -27.8580, 12.7827.



This preview shows how white text looks on a background with the HunterLab color 58.5813,

-27.8580, 12.7827.

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

58.5813, -27.8580, 12.7827

Protanopia

58.1685, -4.3364, 15.6481

Deuteranopia

58.3300, 4.1438, 11.1871



Tritanopia

58.5766, -15.3186, -7.8794

Trichromacy



Original Color

58.5813, -27.8580, 12.7827

Protanomaly

57.9819, -14.0766, 14.2443

Deuteranomaly

57.9026, -9.3131, 11.2822

Tritanomaly

58.4346, -20.2047, 0.4959

Monochromacy



Original Color

58.5813, -27.8580, 12.7827

Achromatopsia

54.0158, -2.8821, 2.9348

Achromatomaly

55.2048, -12.6146, 6.3112

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 58.5813, -27.8580, 12.7827 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, 173, 134)` looks like.

```
.text, #text, p{  
    color:rgb(100, 173, 134)  
}
```

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, 173, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 173, 134) }
```

Border

The CSS property to change the border of an element to HunterLab 58.5813, -27.8580, 12.7827 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, 173, 134) }
```


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

```
.border{ border-color:rgb(100, 173, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 173, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 173, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 173, 134);  
box-shadow:4px 4px 4px 4px rgb(100, 173,  
134) }
```

Background

The CSS property to change the background color of an element to HunterLab 58.5813, -27.8580, 12.7827 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 173, 134) }
```

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

```
.background{ background-color: rgb(100,  
173, 134) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor