

Converting Colors

HunterLab(60.8416, -27.6545,
31.2978)

Have a look what the booklet for
HunterLab(60.8416, -27.6545,
31.2978) contains.

HunterLab(60.8583, -27.8400, 31.3682)	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(60.8583,
-27.8400, 31.3682)**

Conversions

Conversions Part 1

Format	Color
Hex	87B146
RGB	135, 177, 70
RGB Percent	53%, 69%, 27%
CMY	0.4706, 0.3059, 0.7255
CMYK	0.24, 0.00, 0.60, 0.31
HSL	84°, 43%, 48%
HSV	84°, 60%, 69%
XYZ	26.8193, 37.0373, 11.5297
YIQ	152.2440, 9.3150, -42.1810

Conversions

Conversions Part 2

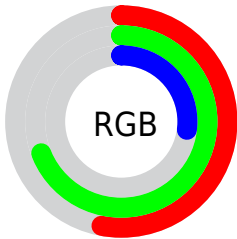
Format	Color
RYB	70, 177, 112
Decimal	8892742
CIELab	67.31, -31.13, 49.01
CIELCh	67, 58.058, 122.420
Yxy	37.0390, 0.3558, 0.4913
Android (android.graphics.Color)	4287082822 (0xFF87B146)
YUV	152.2440, -40.5463, -15.1230
Hunter-Lab	60.8583, -27.8400, 31.3682

Details

The HunterLab color $60.8583, -27.8400, 31.3682$ is a dark color, and the websafe version is hex 669933 . A complement of this color would be $33.1669, 32.4251, -53.3551$, and the grayscale version is $56.2910, -3.0035, 3.0584$.

A 20% lighter version of the original color is $84.1186, -32.3272, 38.2898$, and $40.2966, -22.8562, 23.8702$ is the 20% darker color. If you saturate the color by 10%, you get $60.2409, -30.5755, 33.3521$, and if you desaturate by 10%, it is $61.5563, -24.7358, 28.6669$.

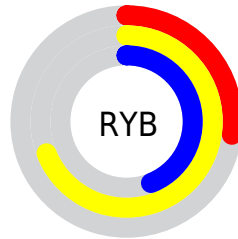
Distribution



Red (53%)

Green (69%)

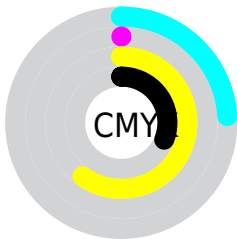
Blue (27%)



Red (27%)

Yellow (69%)

Blue (44%)

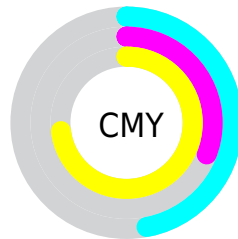


Cyan (24%)

Magenta (0%)

Yellow (60%)

Black (31%)



Cyan (47%)

Magenta (31%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 60.8583, -27.8400, 31.3682 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 60.8583, -27.8400, 31.3682 by changing the saturation by 10% instead.

60.8583, -27.8400,
31.3682

60.8583, -27.8400,
31.3682

182.6141,
-46.8910, 58.9541

50.2371, -25.4716,
27.7233

84.0433, -32.3486,
38.1681

40.3165, -22.9920,
23.8680

96.5370, -34.5178,
41.3758

31.1516, -20.3645,
19.7612

109.5950,
-36.6455, 44.4826

22.8107, -17.5293,
15.9675

123.1938,
-38.7396, 47.5039

15.3851, -14.3848,
10.7696

137.3127,
-40.8067, 50.4522

8.9936, -15.5613,
6.2955

151.9332,

0.0000, NaN, NaN

-42.8516, 53.3378

0.0000, NaN, NaN

167.0388,
-44.8785, 56.1694

0.0000, NaN, NaN

■ 60.8583, -27.8400,
31.3682

■ 60.8583, -27.8400,
31.3682

■ 60.2409, -30.5755,
33.3521

■ 61.5563, -24.7358,
28.6669

■ 59.6969, -32.9464,
34.6595

■ 62.3329, -21.2569,
25.2212

■ 59.2231, -34.9724,
35.3539

■ 63.1910, -17.4093,
21.0190

■ 58.8251, -36.6451,
35.6062

■ 64.1310, -13.2024,
16.0594

■ 65.1531, -8.6492,
10.3510

■ 66.2566, -3.7659,
3.9101

■ 67.4407, 1.4294,
-3.2401

■ 68.7040, 6.9170,
-11.0719

■ 70.0449, 12.6763,
-19.5536

Harmonies

Analogous

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



60.8596, -5.3509, 34.2779



60.8583, -27.8400, 31.3682



60.8596, -41.5853, 21.5005

Triad

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



60.8596, -27.8415, 31.3686



60.8596, -24.7464, -55.8542



60.8596, 55.3078, 5.2903

Complementary

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



60.8583, -27.8400, 31.3682



33.1669, 32.4251, -53.3551

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.



60.8596, 47.8084, -23.1314



60.8583, -27.8400, 31.3682



60.8596, -1.1213, -66.1005

Square

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



60.8596, -27.8415, 31.3686



60.8596, -40.0209, -28.1653



60.8596, 25.9955, -52.1891



60.8596, 45.0605, 23.7201

Rectangle

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



60.8583, -27.8400, 31.3682



60.8596, -45.3652, 9.2683



60.8596, 25.9955, -52.1891



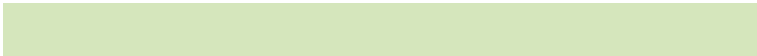
60.8596, 54.7782, -3.3130

Sweetspot

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



60.8596, -27.8415, 31.3686



86.1065, -16.4001, 19.9375



46.0033, 16.2054, 21.1622



39.9097, -8.4172, 10.2384



94.3401, -5.0338, 5.1257



41.3092, -2.2042, 2.2444

Same Dimension

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



60.8596, -27.8415, 31.3686



80.3288, -42.1778, 45.3998



58.0550, -39.0247, 29.1719



31.2039, -3.8800, 4.6194



50.1063, -31.0463, 30.3317



9.0695, -4.7813, 5.5049

Inverse Universe

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



33.1669, 32.4251, -53.3551



37.0068, 54.8372, -95.5882



39.3741, 46.8977, -37.5542



28.9611, 0.7647, -1.6026



18.0624, 43.6651, -87.0308



3.7008, 8.2931, -12.7659

Previews

White Background



This preview shows how the HunterLab color 60.8583, -27.8400, 31.3682 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 60.8583, -27.8400, 31.3682 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

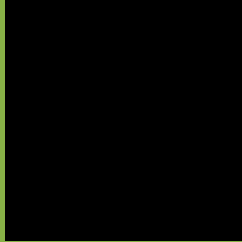
Any Text WCAG AA ✓ Pass

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 60.8583, -27.8400, 31.3682 Background



This preview shows how black text looks on a background with the HunterLab color 60.8583, -27.8400, 31.3682.



This preview shows how white text looks on a background with the HunterLab color 60.8583, -27.8400, 31.3682.

-27.8400, 31.3682.

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

60.8583, -27.8400, 31.3682

Protanopia

60.7366, -7.6876, 32.2595

Deuteranopia

60.4326, 4.6610, 30.6117



Tritanopia

60.7591, -5.9505, -4.2814

Trichromacy



Original Color

60.8583, -27.8400, 31.3682

Protanomaly

60.6469, -15.7205, 31.9038

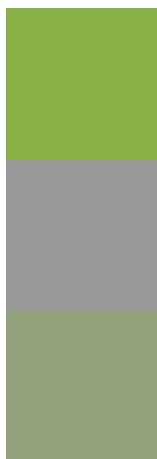
Deuteranomaly

60.1280, -8.1685, 30.5193

Tritanomaly

60.4507, -15.6198, 13.0189

Monochromacy



Original Color

60.8583, -27.8400, 31.3682

Achromatopsia

56.0347, -2.9899, 3.0445

Achromatomaly

57.4507, -13.1952, 16.1681

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 60.8583, -27.8400, 31.3682 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(135, 177, 70)` looks like.

```
.text, #text, p{  
    color:rgb(135, 177, 70)  
}
```

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(135, 177, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 177, 70) }
```

Border

The CSS property to change the border of an element to HunterLab 60.8583, -27.8400, 31.3682 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(135, 177, 70) }
```


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

```
.border{ border-color:rgb(135, 177, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 177, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 177, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 177, 70);  
box-shadow:4px 4px 4px 4px rgb(135, 177,  
70) }
```

Background

The CSS property to change the background color of an element to HunterLab 60.8583, -27.8400, 31.3682 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 177, 70) }
```

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

```
.background{ background-color: rgb(135,  
177, 70) }
```

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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