

Converting Colors

HunterLab(57.1547, -27.8770,
25.8828)

Have a look what the booklet for
HunterLab(57.1547, -27.8770,
25.8828) contains.

HunterLab(57.2833, -28.0652, 25.9109)	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(57.2833,
-28.0652, 25.9109)**

Conversions

Conversions Part 1

Format	Color
Hex	75A955
RGB	117, 169, 85
RGB Percent	46%, 66%, 33%
CMY	0.5412, 0.3372, 0.6667
CMYK	0.31, 0.00, 0.50, 0.34
HSL	97°, 33%, 50%
HSV	97°, 50%, 66%
XYZ	23.1638, 32.8138, 13.7072
YIQ	143.8760, -4.0280, -37.1480

Conversions

Conversions Part 2

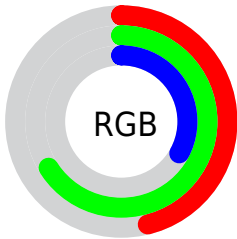
Format	Color
RYB	85, 169, 137
Decimal	7711061
CIELab	64.01, -32.56, 37.71
CIElCh	64, 49.820, 130.803
Yxy	32.8152, 0.3324, 0.4709
Android (android.graphics.Color)	4285901141 (0xFF75A955)
YUV	143.8760, -29.0259, -23.5703
Hunter-Lab	57.2833, -28.0652, 25.9109

Details

The HunterLab color $57.2833, -28.0652, 25.9109$ is a dark color, and the websafe version is hex 669933 . A complement of this color would be $38.3158, 29.5120, -33.9597$, and the grayscale version is $52.8757, -2.8213, 2.8728$.

A 20% lighter version of the original color is $80.1785, -33.0863, 31.6021$, and $37.0702, -22.7697, 19.7743$ is the 20% darker color. If you saturate the color by 10%, you get $56.4740, -31.6854, 28.4856$, and if you desaturate by 10%, it is $58.2086, -23.9632, 22.6701$.

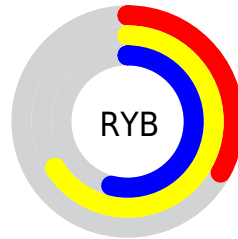
Distribution



Red (46%)

Green (66%)

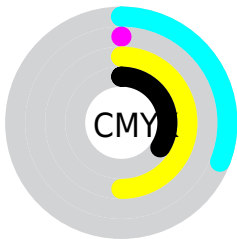
Blue (33%)



Red (33%)

Yellow (66%)

Blue (54%)

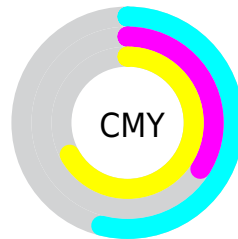


Cyan (31%)

Magenta (0%)

Yellow (50%)

Black (34%)



Cyan (54%)

Magenta (34%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 57.2833, -28.0652, 25.9109 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 57.2833, -28.0652, 25.9109 by changing the saturation by 10% instead.

■ 57.2833, -28.0652,
25.9109

■ 57.2833, -28.0652,
25.9109

177.4306,
-47.8409, 48.4238

■ 46.8881, -25.5726,
22.9821

■ 80.0543, -32.7818,
31.3904

■ 37.2100, -22.9496,
19.8811

■ 92.3564, -35.0410,
33.9879

■ 28.3081, -20.1510,
16.5607

■ 105.2312,
-37.2517, 36.5136

■ 20.2573, -17.1022,
13.4257

■ 118.6542,
-39.4231, 38.9798

■ 13.1593, -13.8112,
9.2115

■ 132.6039,
-41.5624, 41.3966

■ 6.6636, -11.6614,
4.6645

147.0610,

0.0000, NaN, NaN

-43.6755, 43.7720

0.0000, NaN, NaN

162.0085,
-45.7670, 46.1126

0.0000, NaN, NaN

■ 57.2833, -28.0652,
25.9109

■ 57.2833, -28.0652,
25.9109

■ 56.4740, -31.6854,
28.4856

■ 58.2086, -23.9632,
22.6701

■ 55.7754, -34.8087,
30.4050

■ 59.2465, -19.3955,
18.7642

■ 55.1857, -37.4352,
31.6993

■ 60.3976, -14.3891,
14.2076

■ 54.7001, -39.5764,
32.4203

■ 61.6603, -8.9743,
9.0237

■ 54.3062, -41.2923,
32.7246

■ 63.0323, -3.1844,
3.2428

■ 54.2955, -41.3390,
32.7329

■ 64.5107, 2.9465,
-3.0999

■ 66.0921, 9.3836,
-9.9664

■ 67.7730, 16.0935,
-17.3169

■ 69.5494, 23.0440,
-25.1118

Harmonies

Analogous

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



57.2845, -10.7425, 30.1640



57.2833, -28.0652, 25.9109



57.2845, -37.6567, 14.7900

Triad

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



57.2845, -28.0664, 25.9113



57.2845, -16.2614, -49.0931



57.2845, 44.4611, 10.1312

Complementary

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



57.2833, -28.0652, 25.9109



38.3158, 29.5120, -33.9597

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.



57.2845, 42.3906, -11.6826



57.2833, -28.0652, 25.9109



57.2845, 5.0507, -51.8506

Square

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



57.2845, -28.0664, 25.9113



57.2845, -31.5826, -29.7288



57.2845, 27.1434, -36.2570



57.2845, 32.4359, 23.6074

Rectangle

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



57.2833, -28.0652, 25.9109



57.2845, -39.3841, 2.5536



57.2845, 27.1434, -36.2570



57.2845, 45.4312, 3.6770

Sweetspot

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



57.2845, -28.0664, 25.9113



81.5570, -16.1068, 16.0375



51.8911, 1.7946, 22.1860



37.9188, -8.1935, 8.1277



92.0917, -4.9138, 5.0035



39.3538, -2.0998, 2.1382

Same Dimension

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



57.2845, -28.0664, 25.9113



75.4383, -43.0142, 38.5232



55.7955, -33.6847, 22.3366



29.2263, -4.1380, 4.1636



46.9031, -35.5590, 28.2789



7.5146, -4.7288, 4.5477

Inverse Universe

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



38.3158, 29.5120, -33.9597



45.2975, 49.5601, -59.2113



41.7650, 37.5519, -20.3033



27.4258, 1.2148, -1.2781



20.9470, 46.0643, -65.4700



3.6704, 7.7008, -8.5983

Previews

White Background



This preview shows how the HunterLab color 57.2833, -28.0652, 25.9109 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 57.2833, -28.0652, 25.9109 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

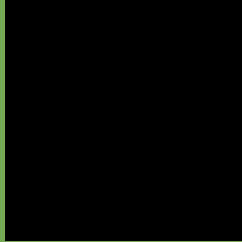
Any Text WCAG AA ✓ Pass

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 57.2833, -28.0652, 25.9109 Background



This preview shows how black text looks on a background with the HunterLab color 57.2833, -28.0652, 25.9109.



This preview shows how white text looks on a background with the HunterLab color 57.2833,

-28.0652, 25.9109.

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

57.2833, -28.0652, 25.9109

Protanopia

57.0683, -6.8264, 27.1608

Deuteranopia

56.8304, 4.2544, 25.0016



Tritanopia

57.0965, -8.6170, -5.4974

Trichromacy



Original Color

57.2833, -28.0652, 25.9109

Protanomaly

56.8596, -15.1940, 26.4468

Deuteranomaly

56.4169, -8.9270, 24.9048

Tritanomaly

57.0293, -17.0606, 9.0481

Monochromacy



Original Color

57.2833, -28.0652, 25.9109

Achromatopsia

52.8104, -2.8178, 2.8693

Achromatomaly

54.1118, -12.8941, 12.5856

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 57.2833, -28.0652, 25.9109 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(117, 169, 85)` looks like.

```
.text, #text, p{  
    color:rgb(117, 169, 85)  
}
```

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(117, 169, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 169, 85) }
```

Border

The CSS property to change the border of an element to HunterLab 57.2833, -28.0652, 25.9109 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(117, 169, 85) }
```


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

```
.border{ border-color:rgb(117, 169, 85) }
```

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

Here you see how a box with a 4 pixel rgb(117, 169, 85) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 169, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 169, 85);  
box-shadow:4px 4px 4px 4px rgb(117, 169,  
85) }
```

Background

The CSS property to change the background color of an element to HunterLab 57.2833, -28.0652, 25.9109 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 169, 85) }
```

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

```
.background{ background-color: rgb(117,  
169, 85) }
```

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