

Converting Colors

HunterLab(57.2808, -30.1584,
25.6371)

Have a look what the booklet for
HunterLab(57.2808, -30.1584,
25.6371) contains.

HunterLab(57.2157, -29.9798, 25.6079)	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(57.2157,
-29.9798, 25.6079)**

Conversions

Conversions Part 1

Format	Color
Hex	6EAA56
RGB	110, 170, 86
RGB Percent	43%, 67%, 34%
CMY	0.5686, 0.3333, 0.6627
CMYK	0.35, 0.00, 0.49, 0.33
HSL	103°, 33%, 50%
HSV	103°, 49%, 67%
XYZ	22.4849, 32.7364, 13.9378
YIQ	142.4840, -8.7960, -38.8440

Conversions

Conversions Part 2

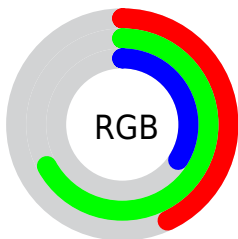
Format	Color
RYB	86, 170, 146
Decimal	7252566
CIELab	63.95, -35.37, 37.04
CIElCh	64, 51.215, 133.672
Yxy	32.7378, 0.3251, 0.4733
Android (android.graphics.Color)	4285442646 (0xFF6EAA56)
YUV	142.4840, -27.8466, -28.4885
Hunter-Lab	57.2157, -29.9798, 25.6079

Details

The HunterLab color $57.2157, -29.9798, 25.6079$ is a dark color, and the websafe version is hex 669933 . A complement of this color would be $39.5852, 31.9096, -32.0128$, and the grayscale version is $52.3146, -2.7914, 2.8423$.

A 20% lighter version of the original color is $80.0571, -35.2579, 31.1859$, and $37.0486, -24.4480, 19.6002$ is the 20% darker color. If you saturate the color by 10%, you get $56.3642, -33.8070, 28.2167$, and if you desaturate by 10%, it is $58.2050, -25.5883, 22.3458$.

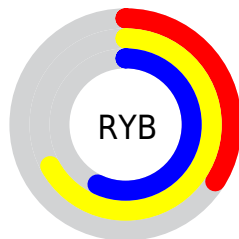
Distribution



Red (43%)

Green (67%)

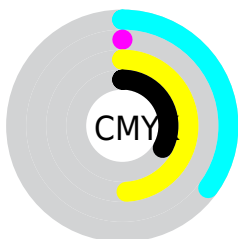
Blue (34%)



Red (34%)

Yellow (67%)

Blue (57%)

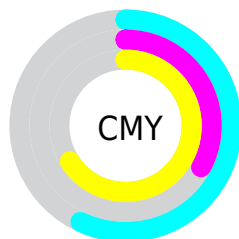


Cyan (35%)

Magenta (0%)

Yellow (49%)

Black (33%)



Cyan (57%)

Magenta (33%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 57.2157, -29.9798, 25.6079 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 57.2157, -29.9798, 25.6079 by changing the saturation by 10% instead.

■ 57.2157, -29.9798,
25.6079

■ 57.2157, -29.9798,
25.6079

177.3320,
-50.9769, 47.8139

■ 46.8248, -27.3057,
22.7241

■ 79.9787, -35.0207,
31.0059

■ 37.1514, -24.4841,
19.6716

■ 92.2771, -37.4272,
33.5663

■ 28.2547, -21.4644,
16.4031

■ 105.1484,
-39.7773, 36.0568

■ 20.2095, -18.1639,
13.2759

■ 118.5680,
-42.0813, 38.4896

■ 13.1179, -14.7333,
9.1825

■ 132.5144,
-44.3474, 40.8746

■ 6.6111, -11.5695,
4.6278

146.9684,

0.0000, NaN, NaN

-46.5819, 43.2195

0.0000, NaN, NaN

161.9128,
-48.7903, 45.5308

0.0000, NaN, NaN

■ 57.2157, -29.9798,
25.6079

■ 57.2157, -29.9798,
25.6079

■ 56.3642, -33.8070,
28.2167

■ 58.2050, -25.5883,
22.3458

■ 55.6450, -37.0499,
30.1777

■ 59.3287, -20.6563,
18.4378

■ 55.0554, -39.7066,
31.5172


■ 60.5868, -15.2200,
13.9053


■ 54.5895, -41.7903,
32.2846


■ 61.9771, -9.3201,
8.7788


■ 54.2338, -43.3634,
32.6280


■ 63.4961, -3.0002,
3.0956

 54.2154, -43.4451,
32.6467

 65.1400, 3.6950,
-3.1029

 66.9042, 10.7215,
-9.7734

 68.7837, 18.0373,
-16.8722

 70.7734, 25.6029,
-24.3566

Harmonies

Analogous

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



57.2169, -12.9312, 30.4153



57.2157, -29.9798, 25.6079



57.2169, -38.9495, 13.5224

Triad

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



57.2169, -29.9809, 25.6083



57.2169, -14.7225, -52.1607



57.2169, 45.3646, 12.0166

Complementary

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



57.2157, -29.9798, 25.6079



39.5852, 31.9096, -32.0128

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.



57.2169, 44.6857, -9.7116



57.2157, -29.9798, 25.6079



57.2169, 7.5379, -53.0725

Square

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



57.2169, -29.9809, 25.6083



57.2169, -31.1169, -33.2348



57.2169, 30.0034, -35.3859



57.2169, 31.7355, 24.8748

Rectangle

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



57.2157, -29.9798, 25.6079



57.2169, -40.1592, 0.4142



57.2169, 30.0034, -35.3859



57.2169, 46.8595, 5.6892

Sweetspot

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



57.2169, -29.9809, 25.6083



82.3620, -17.2837, 15.9659



54.2302, -1.5764, 23.7627



38.7161, -8.9198, 8.1934



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.



57.2169, -29.9809, 25.6083



75.8512, -45.8487, 38.2073



56.3069, -33.0687, 20.6600



29.1679, -4.3467, 4.0964



46.5253, -37.1468, 28.0184



7.4307, -5.0711, 4.4900

Inverse Universe

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



39.5852, 31.9096, -32.0128



47.9455, 53.0222, -54.8564



41.8438, 36.2905, -16.4078



27.4906, 1.4336, -1.1914



22.7542, 48.3497, -58.0274



3.8723, 7.9728, -7.8960

Previews

White Background



This preview shows how the HunterLab color 57.2157, -29.9798, 25.6079 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 57.2157, -29.9798, 25.6079 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

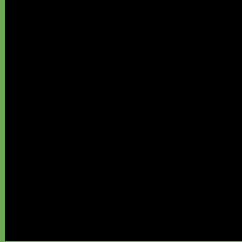
Any Text WCAG AA ✓ Pass

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 57.2157, -29.9798, 25.6079 Background



This preview shows how black text looks on a background with the HunterLab color 57.2157, -29.9798, 25.6079.



This preview shows how white text looks on a background with the HunterLab color 57.2157,

-29.9798, 25.6079.

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

57.2157, -29.9798, 25.6079

Protanopia

56.7903, -6.2881, 26.7566

Deuteranopia

56.7494, 4.0435, 24.4610



Tritanopia

57.0252, -10.3610, -6.1481

Trichromacy



Original Color

57.2157, -29.9798, 25.6079

Protanomaly

56.6234, -16.0410, 26.0412

Deuteranomaly

56.1710, -9.7503, 24.2316

Tritanomaly

56.9799, -18.8010, 8.5606

Monochromacy



Original Color

57.2157, -29.9798, 25.6079

Achromatopsia

52.0094, -2.7751, 2.8258

Achromatomaly

53.4859, -13.6814, 12.3079

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 57.2157, -29.9798, 25.6079 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(110, 170, 86)` looks like.

```
.text, #text, p{  
    color:rgb(110, 170, 86)  
}
```

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(110, 170, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 170, 86) }
```

Border

The CSS property to change the border of an element to HunterLab 57.2157, -29.9798, 25.6079 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(110, 170, 86) }
```


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

```
.border{ border-color:rgb(110, 170, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 170, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 170, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 170, 86);  
box-shadow:4px 4px 4px 4px rgb(110, 170,  
86) }
```

Background

The CSS property to change the background color of an element to HunterLab 57.2157, -29.9798, 25.6079 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 170, 86) }
```

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

```
.background{ background-color: rgb(110,  
170, 86) }
```

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