

Converting Colors

HunterLab(30.5954, -4.2618,
4.5567)

Have a look what the booklet for
HunterLab(30.5954, -4.2618, 4.5567)
contains.

HunterLab(30.6316, -4.2580, 4.4828)	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(30.6316, -4.2580,
4.4828)**

Conversions

Conversions Part 1

Format	Color
Hex	53584F
RGB	83, 88, 79
RGB Percent	33%, 35%, 31%
CMY	0.6745, 0.6549, 0.6902
CMYK	0.06, 0.00, 0.10, 0.65
HSL	93°, 5%, 33%
HSV	93°, 10%, 35%
XYZ	8.4683, 9.3829, 8.7619
YIQ	85.4790, -0.0910, -3.8590

Conversions

Conversions Part 2

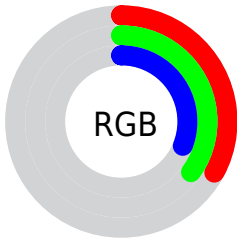
Format	Color
R_{YB}	79, 88, 84
Decimal	5462095
CIE _{Lab}	36.71, -3.89, 4.54
CIE _{LCh}	37, 5.975, 130.600
Yxy	9.3834, 0.3182, 0.3526
Android (android.graphics.Color)	4283652175 (0xFF53584F)
YUV	85.4790, -3.1941, -2.1741
Hunter-Lab	30.6316, -4.2580, 4.4828

Details

The HunterLab color $[30.6316, -4.2580, 4.4828]$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $[28.6035, 1.2029, -1.4920]$, and the grayscale version is $[30.3269, -1.6182, 1.6477]$.

A 20% lighter version of the original color is $[49.6397, -5.9597, 6.0912]$, and $[15.0372, -2.9707, 2.9442]$ is the 20% darker color. If you saturate the color by 10%, you get $[30.0814, -6.6388, 6.9338]$, and if you desaturate by 10%, it is $[31.2257, -1.7265, 1.7627]$.

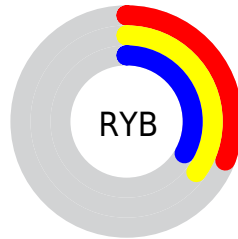
Distribution



Red (33%)

Green (35%)

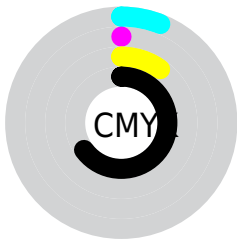
Blue (31%)



Red (31%)

Yellow (35%)

Blue (33%)

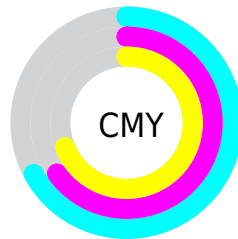


Cyan (6%)

Magenta (0%)

Yellow (10%)

Black (65%)



Cyan (67%)

Magenta (65%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 30.6316, -4.2580, 4.4828 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 30.6316, -4.2580, 4.4828 by changing the saturation by 10% instead.

■ 30.6316, -4.2580,
4.4828

■ 30.6316, -4.2580,
4.4828

■ 136.4597,
-11.6508, 12.2110

■ 22.3429, -3.5446,
3.7209

■ 49.6276, -5.7455,
6.0549

■ 14.9753, -2.8442,
2.9653

■ 60.2098, -6.5216,
6.8700

■ 8.6202, -2.4258,
2.6506

■ 71.4526, -7.3204,
7.7061

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 83.3193, -8.1419,
8.5638

0.0000, NaN, NaN

■ 95.7787, -8.9859,
9.4433

0.0000, NaN, NaN

108.8039, -9.8523,

0.0000, NaN, NaN

122.3711,
-10.7407, 11.2670

■ 30.6316, -4.2580,
4.4828

■ 30.6316, -4.2580,
4.4828

■ 30.0814, -6.6388,
6.9338

■ 31.2257, -1.7265,
1.7627

■ 29.5739, -8.8558,
9.1036

■ 31.8609, 0.9461,
-1.2153

■ 29.1103, -10.8995,
10.9846

■ 32.5367, 3.7474,
-4.4366

■ 28.6906, -12.7613,
12.5720

■ 33.2519, 6.6655,
-7.8864

■ 28.3149, -14.4344,
13.8653

■ 34.0054, 9.6892,
-11.5495

■ 27.9825, -15.9148,
14.8686

■ 34.7957, 12.8074,
-15.4107

■ 27.6927, -17.2011,
15.5922

■ 35.6214, 16.0099,
-19.4550

■ 27.4436, -18.2976,
16.0568

■ 36.4813, 19.2873,
-23.6679

■ 27.2272, -19.2566,
16.4401

■ 37.3739, 22.6308,
-28.0358

Harmonies

Analogous

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



30.6323, -2.3866, 5.2585



30.6316, -4.2580, 4.4828



30.6323, -5.4080, 2.9348

Triad

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



30.6323, -4.2587, 4.4832



30.6323, -2.9861, -2.2440



30.6323, 2.4988, 2.3761

Complementary

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



30.6316, -4.2580, 4.4828



28.6035, 1.2029, -1.4920

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.



30.6323, 2.3276, 0.3434



30.6316, -4.2580, 4.4828



30.6323, -0.8783, -2.4191

Square

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



30.6323, -4.2587, 4.4832



30.6323, -4.6872, -0.9807



30.6323, 1.0778, -1.4441



30.6323, 1.5393, 4.0984

Rectangle

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



30.6316, -4.2580, 4.4828



30.6323, -5.6288, 1.6266



30.6323, 1.0778, -1.4441



30.6323, 2.5722, 1.7082

Sweetspot

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



30.6323, -4.2587, 4.4832



41.0596, -3.2638, 3.3990



29.9541, -1.1558, 3.7955



20.6413, -1.7524, 1.8294



70.1359, -3.7423, 3.8106



20.7927, -1.1094, 1.1297

Same Dimension

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



30.6323, -4.2587, 4.4832



40.3431, -6.3314, 6.6618



30.3533, -5.2362, 3.9942



15.3952, -1.9526, 2.0550



33.3987, -23.8803, 20.1620



78.8325, -57.9562, 47.5616

Inverse Universe

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



28.6035, 1.2029, -1.4920



37.0991, 2.4045, -2.8988



28.9207, 2.2444, -0.8687



14.5231, 0.3946, -0.5125



14.1743, 31.7777, -49.0092



32.7856, 74.3705, -120.0848

Previews

White Background



This preview shows how the HunterLab color 30.6316, -4.2580, 4.4828 looks on a white 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

Black Background



This preview shows how the HunterLab color 30.6316, -4.2580, 4.4828 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

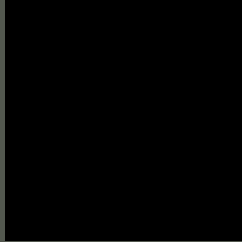
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

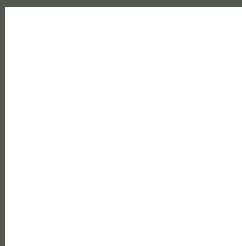
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 30.6316, -4.2580, 4.4828 Background



This preview shows how black text looks on a background with the HunterLab color 30.6316, -4.2580, 4.4828.



This preview shows how white text looks on a background with the HunterLab color 30.6316, -4.2580,

4.4828.

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

30.6316, -4.2580, 4.4828

Protanopia

30.6256, -1.6087, 4.8893

Deuteranopia

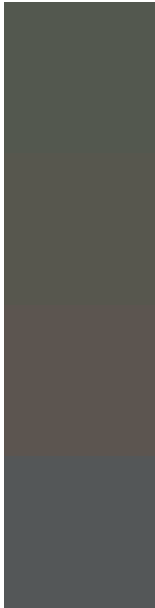
30.5075, 2.0268, 4.0844



Tritanopia

30.6222, -0.8361, -1.1963

Trichromacy



Original Color

30.6316, -4.2580, 4.4828

Protanomaly

30.6475, -2.8812, 4.8905

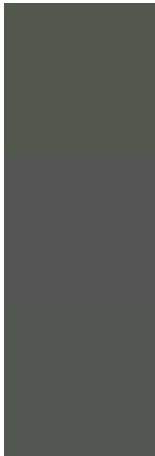
Deuteranomaly

30.5802, -0.3388, 4.1228

Tritanomaly

30.6689, -2.3022, 1.0091

Monochromacy



Original Color

30.6316, -4.2580, 4.4828

Achromatopsia

30.1400, -1.6082, 1.6376

Achromatomaly

30.2736, -2.5940, 2.5817

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 30.6316, -4.2580, 4.4828 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(83, 88, 79)` looks like.

```
.text, #text, p{  
    color:rgb(83, 88, 79)  
}
```

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(83, 88, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 88, 79) }
```

Border

The CSS property to change the border of an element to HunterLab 30.6316, -4.2580, 4.4828 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(83, 88, 79) }
```


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

```
.border{ border-color:rgb(83, 88, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 88, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 88, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 88, 79);  
box-shadow:4px 4px 4px 4px rgb(83, 88, 79)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 30.6316, -4.2580, 4.4828 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 88, 79) }
```

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

```
.background{ background-color: rgb(83, 88,  
79) }
```

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