

Converting Colors

HunterLab(28.5617, 0.0048,
0.3720)

Have a look what the booklet for
HunterLab(28.5617, 0.0048, 0.3720)
contains.

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Color

**HunterLab(28.6643, -0.1192,
0.3118)**

Conversions

Conversions Part 1

Format	Color
Hex	535054
RGB	83, 80, 84
RGB Percent	33%, 31%, 33%
CMY	0.6745, 0.6863, 0.6706
CMYK	0.01, 0.05, 0.00, 0.67
HSL	285°, 2%, 32%
HSV	285°, 5%, 33%
XYZ	8.0362, 8.2164, 9.5499
YIQ	81.3530, 0.5040, 1.8800

Conversions

Conversions Part 2

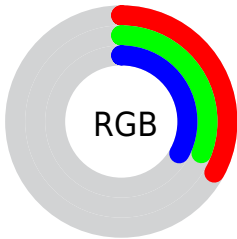
Format	Color
R_{YB}	83, 80, 84
Decimal	5460052
CIE _{Lab}	34.43, 2.08, -1.91
CIE _{LCh}	34, 2.827, 317.439
Yxy	8.2168, 0.3114, 0.3184
Android (android.graphics.Color)	4283650132 (0xFF535054)
YUV	81.3530, 1.3050, 1.4444
Hunter-Lab	28.6643, -0.1192, 0.3118

Details

The HunterLab color $[28.6643, -0.1192, 0.3118]$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $[29.4438, -2.9551, 2.8080]$, and the grayscale version is $[28.8087, -1.5372, 1.5652]$.

A 20% lighter version of the original color is $[47.2223, -0.9928, 1.2198]$, and $[13.4919, 0.1561, -0.1187]$ is the 20% darker color. If you saturate the color by 10%, you get $[26.3978, 3.0085, -2.5198]$, and if you desaturate by 10%, it is $[31.0191, -3.1911, 3.0258]$.

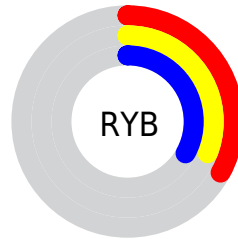
Distribution



Red (33%)

Green (31%)

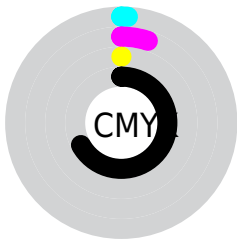
Blue (33%)



Red (33%)

Yellow (31%)

Blue (33%)

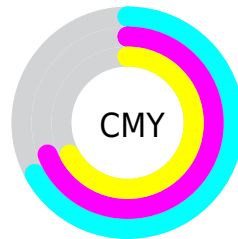


Cyan (1%)

Magenta (5%)

Yellow (0%)

Black (67%)



Cyan (67%)

Magenta (69%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 28.6643, -0.1192, 0.3118 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 28.6643, -0.1192, 0.3118 by changing the saturation by 10% instead.

■ 28.6643, -0.1192,
0.3118

■ 28.6643, -0.1192,
0.3118

■ 133.2000, -4.7739,
5.1968

■ 20.5766, 0.1675,
-0.0035

■ 47.3100, -0.8637,
1.1095

■ 13.4361, 0.3854,
-0.2521

■ 57.7355, -1.3079,
1.5794

■ 7.0033, 0.9216,
-0.7507

■ 68.8310, -1.7947,
2.0915

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 80.5583, -2.3208,
2.6429

0.0000, NaN, NaN

■ 92.8850, -2.8837,
3.2310

0.0000, NaN, NaN

105.7832, -3.4814,

0.0000, NaN, NaN

119.2287, -4.1120,
4.5096

■ 28.6643, -0.1192,
0.3118

■ 28.6643, -0.1192,
0.3118

■ 26.3978, 3.0085,
-2.5198

■ 31.0191, -3.1911,
3.0258

■ 24.2306, 6.1928,
-5.4846

■ 33.4499, -6.2088,
5.6360

■ 22.1787, 9.4230,
-8.5911

■ 35.9491, -9.1788,
8.1575

■ 20.2616, 12.6725,
-11.8371

■ 38.5097, -12.1074,
10.6038

■ 18.5023, 15.8882,
-15.1988

■ 41.1259, -15.0010,
12.9867

■ 16.9277, 18.9770,
-18.6149

■ 43.7928, -17.8655,
15.3164

■ 15.5675, 21.7942,
-21.9708

■ 46.5065, -20.7062,
17.6015

■ 14.4496, 24.1451,
-25.0898

■ 49.2635, -23.5279,
19.8493

■ 13.5232, 26.0762,
-27.9845

■ 52.0608, -26.3345,
22.0663

Harmonies

Analogous

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



28.6649, -0.9601, -0.2159



28.6643, -0.1192, 0.3118



28.6649, 0.3448, 1.1649

Triad

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



28.6649, -0.1199, 0.3123



28.6649, -1.1172, 3.2669



28.6649, -3.3191, 1.0140

Complementary

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



28.6643, -0.1192, 0.3118



29.4438, -2.9551, 2.8080

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.



28.6649, -3.3598, 1.9501



28.6643, -0.1192, 0.3118



28.6649, -2.0975, 3.2296

Square

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



28.6649, -0.1199, 0.3123



28.6649, -0.2362, 2.8583



28.6649, -2.9154, 2.7546



28.6649, -2.8033, 0.1986

Rectangle

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



28.6643, -0.1192, 0.3118



28.6649, 0.3750, 1.7930



28.6649, -2.9154, 2.7546



28.6649, -3.3885, 1.3256

Sweetspot

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



28.6649, -0.1199, 0.3123



39.0327, -1.6793, 1.7660



28.7066, -1.3860, 0.3410



19.7736, -0.8708, 0.9124



69.0652, -3.6851, 3.7524



19.9203, -1.0629, 1.0823

Same Dimension

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



28.6649, -0.1199, 0.3123



37.4449, 0.4355, -0.1190



28.7194, 0.0164, 0.7741



14.1216, 0.1441, -0.0270



16.2710, 34.0760, -37.6360



38.5091, 81.0843, -92.4506

Inverse Universe

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



28.6646, -0.2813, 1.5555



37.4450, 0.1579, 2.0357



29.3929, -3.0876, 2.3807



14.1216, 0.0417, 0.7676



17.4680, 30.3453, 7.9485



41.7971, 72.3106, 21.3363

Previews

White Background



This preview shows how the HunterLab color 28.6643, -0.1192, 0.3118 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 28.6643, -0.1192, 0.3118 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

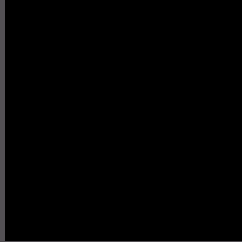
Any Text WCAG AA × Fail

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 28.6643, -0.1192, 0.3118 Background



This preview shows how black text looks on a background with the HunterLab color 28.6643, -0.1192, 0.3118.



This preview shows how white text looks on a background with the HunterLab color 28.6643, -0.1192, 0.3118.

0.3118.

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

28.6643, -0.1192, 0.3118

Protanopia

28.5074, -0.6585, 0.1102

Deuteranopia

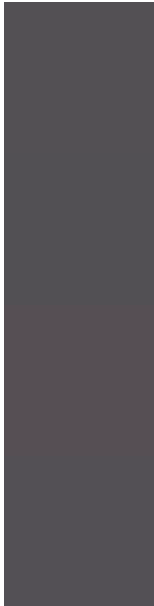
28.7372, 1.4307, 0.4279



Tritanopia

28.7197, 0.1813, -0.4754

Trichromacy



Original Color

28.6643, -0.1192, 0.3118

Protanomaly

28.5854, -0.3900, 0.2105

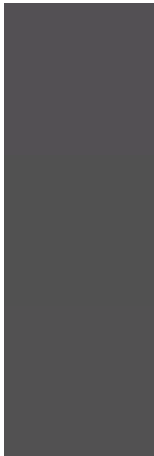
Deuteranomaly

28.6540, 1.1491, 0.3213

Tritanomaly

28.6918, 0.0302, -0.0794

Monochromacy



Original Color

28.6643, -0.1192, 0.3118

Achromatopsia

28.6850, -1.5306, 1.5585

Achromatomaly

28.7887, -1.1179, 1.2797

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 28.6643, -0.1192, 0.3118 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, 80, 84)` looks like.

```
.text, #text, p{  
    color:rgb(83, 80, 84)  
}
```

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, 80, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 80, 84) }
```

Border

The CSS property to change the border of an element to HunterLab 28.6643, -0.1192, 0.3118 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, 80, 84) }
```


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

```
.border{ border-color:rgb(83, 80, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 80, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 80, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 80, 84);  
box-shadow:4px 4px 4px 4px rgb(83, 80, 84)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 28.6643, -0.1192, 0.3118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 80, 84) }
```

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

```
.background{ background-color: rgb(83, 80,  
84) }
```

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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