

Converting Colors

HunterLab(28.7722, -3.4472,
5.4836)

Have a look what the booklet for
HunterLab(28.7722, -3.4472, 5.4836)
contains.

| | |
|--|----|
| HunterLab(28.7034, -3.2918, 5.3157) | 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(28.7034, -3.2918,
5.3157)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|--------------------------|
| Hex | 515247 |
| RGB | 81, 82, 71 |
| RGB Percent | 32%, 32%, 28% |
| CMY | 0.6824, 0.6784, 0.7216 |
| CMYK | 0.01, 0.00, 0.13, 0.68 |
| HSL | 65°, 7%, 30% |
| HSV | 65°, 13%, 32% |
| XYZ | 7.5480, 8.2389, 7.1537 |
| YIQ | 80.4470, 2.9350, -3.6330 |

Conversions

Conversions Part 2

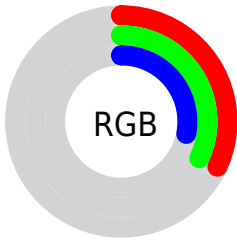
| Format | Color |
|-------------------------------------|-----------------------------|
| R_{YB} | 71, 82, 72 |
| Decimal | 5329479 |
| CIE Lab | 34.48, -2.65, 6.32 |
| CIE LCh | 34, 6.859, 112.751 |
| Yxy | 8.2392, 0.3290, 0.3591 |
| Android (android.graphics.Color) | 4283519559 (0xFF515247) |
| YUV | 80.4470, -4.6574, 0.4850 |
| Hunter-Lab | 28.7034, -3.2918, 5.3157 |

Details

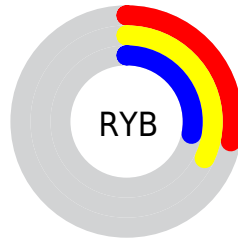
The HunterLab color **28.7034, -3.2918, 5.3157** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **25.4825, 0.5796, -2.8618**, and the grayscale version is **28.5009, -1.5207, 1.5485**.

A 20% lighter version of the original color is **47.2338, -4.6138, 7.1170**, and **13.3493, -1.9840, 3.3117** is the 20% darker color. If you saturate the color by 10%, you get **28.4748, -4.4526, 7.7370**, and if you desaturate by 10%, it is **28.9567, -2.0138, 2.5831**.

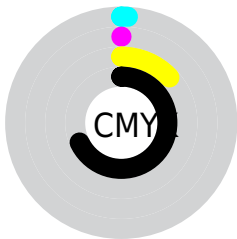
Distribution



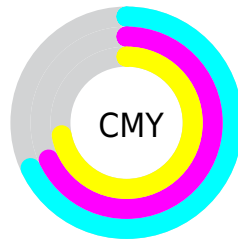
- Red (32%)
- Green (32%)
- Blue (28%)



- Red (28%)
- Yellow (32%)
- Blue (28%)



- Cyan (1%)
- Magenta (0%)
- Yellow (13%)
- Black (68%)



- Cyan (68%)
- Magenta (68%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 28.7034, -3.2918, 5.3157 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 28.7034, -3.2918, 5.3157 by changing the saturation by 10% instead.

■ 28.7034, -3.2918,
5.3157

■ 28.7034, -3.2918,
5.3157

133.2653,
-10.0761, 13.8195

■ 20.6116, -2.6717,
4.4219

■ 47.3562, -4.6156,
7.1075

■ 13.4665, -2.0754,
3.5096

■ 57.7849, -5.3181,
8.0178

■ 7.0395, -2.0178,
4.1076

■ 68.8834, -6.0475,
8.9422

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 80.6135, -6.8031,
9.8826

0.0000, NaN, NaN

■ 92.9429, -7.5845,
10.8400

0.0000, NaN, NaN

105.8437, -8.3908,

0.0000, NaN, NaN

11.8150

0.0000, NaN, NaN

119.2916, -9.2215,
12.8081

■ 28.7034, -3.2918,
5.3157

■ 28.7034, -3.2918,
5.3157

■ 28.4748, -4.4526,
7.7370

■ 28.9567, -2.0138,
2.5831

■ 28.2684, -5.4938,
9.8468

■ 29.2330, -0.6176,
-0.4602

■ 28.0845, -6.4169,
11.6487

■ 29.5332, 0.8942,
-3.8099

■ 27.9221, -7.2238,
13.1493

■ 29.8573, 2.5186,
-7.4603

■ 27.7805, -7.9178,
14.3582

■ 30.2054, 4.2525,
-11.4038

■ 27.6586, -8.5034,
15.2888

■ 30.5773, 6.0919,
-15.6315

■ 27.5551, -8.9870,
15.9584

■ 30.9730, 8.0325,
-20.1331

■ 27.4658, -9.3907,
16.4252

■ 31.3921, 10.0698,
-24.8977

■ 27.4083, -9.6510,
16.7199

■ 31.8343, 12.1990,
-29.9134

Harmonies

Analogous

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



28.7040, -0.9497, 5.5776



28.7034, -3.2918, 5.3157



28.7040, -5.1079, 4.0897

Triad

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



28.7040, -3.2925, 5.3161



28.7040, -4.2679, -2.1483



28.7040, 3.1799, 1.0041

Complementary

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



28.7034, -3.2918, 5.3157



25.4825, 0.5796, -2.8618

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.



28.7040, 2.2257, -1.2178



28.7034, -3.2918, 5.3157



28.7040, -2.1119, -3.1322

Square

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



28.7040, -3.2925, 5.3161



28.7040, -5.6580, -0.1840



28.7040, 0.2697, -2.7785



28.7040, 2.8387, 3.2056

Rectangle

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



28.7034, -3.2918, 5.3157



28.7040, -5.8004, 2.8314



28.7040, 0.2697, -2.7785



28.7040, 2.9990, 0.2328

Sweetspot

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



28.7040, -3.2925, 5.3161



38.2357, -2.7887, 3.6890



26.2163, 1.3010, 2.6951



18.9730, -1.4278, 1.9248



67.9972, -3.6282, 3.6944



19.0543, -1.0167, 1.0353

Same Dimension

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



28.7040, -3.2925, 5.3161



37.8284, -4.8504, 8.0767



28.3009, -4.7301, 4.8671



14.7093, -1.3811, 2.0773



35.2793, -12.5167, 21.5198



84.6042, -30.5141, 51.5985

Inverse Universe

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



25.4825, 0.5796, -2.8618



32.5895, 1.4567, -5.2494



25.9057, 2.0075, -2.2727



13.6363, -0.0936, -0.6409



10.3543, 27.4928, -68.9731



24.4742, 65.7292, -168.8057

Previews

White Background



This preview shows how the HunterLab color 28.7034, -3.2918, 5.3157 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 28.7034, -3.2918, 5.3157 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

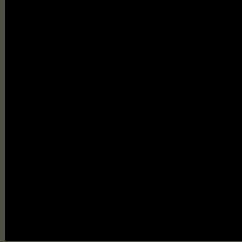
Any Text WCAG AA × Fail

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 28.7034, -3.2918, 5.3157 Background



This preview shows how black text looks on a background with the HunterLab color 28.7034, -3.2918, 5.3157.

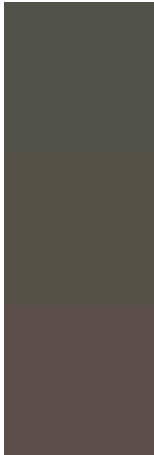


This preview shows how white text looks on a background with the HunterLab color 28.7034, -3.2918,

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

28.7034, -3.2918, 5.3157

Protanopia

28.7373, -1.8770, 5.7202

Deuteranopia

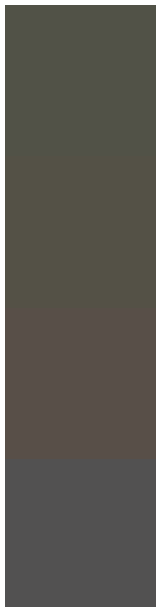
28.6216, 1.7236, 4.9665



Tritanopia

28.7197, 0.1813, -0.4754

Trichromacy



Original Color

28.7034, -3.2918, 5.3157

Protanomaly

28.6564, -2.1601, 5.6316

Deuteranomaly

28.5211, 0.0947, 4.8313

Tritanomaly

28.7624, -1.2614, 1.6543

Monochromacy



Original Color

28.7034, -3.2918, 5.3157

Achromatopsia

28.3231, -1.5113, 1.5388

Achromatomaly

28.5064, -2.3580, 2.9210

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 28.7034, -3.2918, 5.3157 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(81, 82, 71)` looks like.

```
.text, #text, p{  
    color:rgb(81, 82, 71)  
}
```

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(81, 82, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 82, 71) }
```

Border

The CSS property to change the border of an element to HunterLab 28.7034, -3.2918, 5.3157 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(81, 82, 71) }
```


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

```
.border{ border-color:rgb(81, 82, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 82, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 82, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 82, 71);  
box-shadow:4px 4px 4px 4px rgb(81, 82, 71)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 28.7034, -3.2918, 5.3157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 82, 71) }
```

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

```
.background{ background-color: rgb(81, 82,  
71) }
```

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