

Converting Colors

HunterLab(28.2348, 16.5724,
3.4273)

Have a look what the booklet for
HunterLab(28.2348, 16.5724,
3.4273) contains.

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Color

**HunterLab(28.2321, 16.8169,
3.3315)**

Conversions

Conversions Part 1

Format	Color
Hex	75404C
RGB	117, 64, 76
RGB Percent	46%, 25%, 30%
CMY	0.5412, 0.7490, 0.7020
CMYK	0.00, 0.45, 0.35, 0.54
HSL	346°, 29%, 35%
HSV	346°, 45%, 46%
XYZ	10.4740, 7.9705, 7.8239
YIQ	81.2150, 27.7360, 14.9680

Conversions

Conversions Part 2

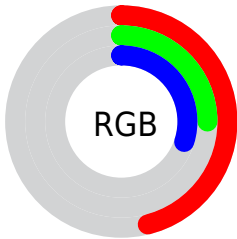
Format	Color
R_{YB}	117, 64, 76
Decimal	7684172
CIE _{Lab}	33.92, 24.53, 2.92
CIE _{LCh}	34, 24.708, 6.797
Yxy	7.9709, 0.3987, 0.3034
Android (android.graphics.Color)	4285874252 (0xFF75404C)
YUV	81.2150, -2.5710, 31.3834
Hunter-Lab	28.2321, 16.8169, 3.3315

Details

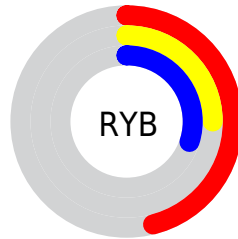
The HunterLab color **28.2321, 16.8169, 3.3315** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **38.5132, -16.2960, 2.8708**, and the grayscale version is **28.7654, -1.5349, 1.5629**.

A 20% lighter version of the original color is **46.8496, 18.6042, 4.6402**, and **13.0198, 14.5582, 2.0548** is the 20% darker color. If you saturate the color by 10%, you get **25.8258, 21.0833, 4.1102**, and if you desaturate by 10%, it is **30.9301, 12.4817, 2.7822**.

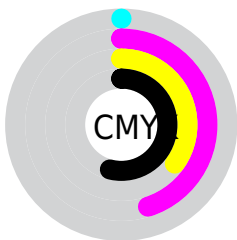
Distribution



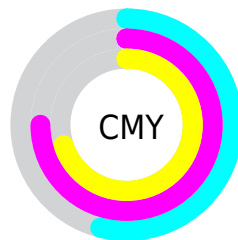
- Red (46%)
- Green (25%)
- Blue (30%)



- Red (46%)
- Yellow (25%)
- Blue (30%)



- Cyan (0%)
- Magenta (45%)
- Yellow (35%)
- Black (54%)



- Cyan (54%)
- Magenta (75%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 28.2321, 16.8169, 3.3315 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 28.2321, 16.8169, 3.3315 by changing the saturation by 10% instead.

■ 28.2321, 16.8169,
3.3315

■ 28.2321, 16.8169,
3.3315

■ 132.4778, 21.4850,
10.2836

■ 20.1899, 15.7616,
2.6907

■ 46.7989, 18.5122,
4.6930

■ 13.1010, 14.5508,
2.0713

■ 57.1892, 19.1876,
5.4139

■ 6.5895, 16.1886,
2.1982

■ 68.2517, 19.7653,
6.1616

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 79.9477, 20.2553,
6.9356

0.0000, NaN, NaN

■ 92.2447, 20.6659,
7.7354

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 105.1145, 21.0040,

118.5327, 21.2754,
9.4100

■ 28.2321, 16.8169,
3.3315

■ 28.2321, 16.8169,
3.3315

■ 25.8258, 21.0833,
4.1102

■ 30.9301, 12.4817,
2.7822

■ 23.7591, 25.1103,
5.1245

■ 33.8731, 8.1852,
2.4373

■ 22.0825, 28.6434,
6.3525

■ 37.0238, 3.9772,
2.2690

■ 20.8350, 31.3858,
7.7271

■ 40.3515, -0.1232,
2.2498

■ 19.9974, 33.1988,
9.1124

■ 43.8312, -4.1147,
2.3553

■ 19.6436, 34.0310,
9.6636

■ 47.4431, -8.0051,
2.5652

■ 51.1709, -11.8059,
2.8626

■ 55.0016, -15.5296,
3.2339

■ 58.9246, -19.1882,
3.6680

Harmonies

Analogous

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



28.2328, 15.3145, -5.3731



28.2321, 16.8169, 3.3315



28.2328, 12.9569, 9.4146

Triad

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



28.2328, 16.8154, 3.3321



28.2328, -10.7271, 11.4379



28.2328, -7.7192, -17.0310

Complementary

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



28.2321, 16.8169, 3.3315



38.5132, -16.2960, 2.8708

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.



28.2328, -13.5431, -9.5742



28.2321, 16.8169, 3.3315



28.2328, -15.1293, 7.0479

Square

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



28.2328, 16.8154, 3.3321



28.2328, -3.4344, 13.1021



28.2328, -16.0951, -0.3847



28.2328, 0.4716, -18.9139

Rectangle

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



28.2321, 16.8169, 3.3315



28.2328, 8.1077, 11.7683



28.2328, -16.0951, -0.3847



28.2328, -9.9873, -15.0040

Sweetspot

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



28.2328, 16.8154, 3.3321



49.9509, 4.8031, 3.0260



28.1650, 19.3308, -17.7344



23.5917, 2.7633, 1.4608



77.7063, -4.1462, 4.2219



27.0627, -1.4440, 1.4704

Same Dimension

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



28.2328, 16.8154, 3.3321



34.5297, 28.2684, 5.5120



31.0165, 9.0014, 9.9968



19.2697, 0.6891, 1.1049



20.6138, 35.7017, 10.2196



45.3836, 78.3622, 24.3529

Inverse Universe

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



28.2328, 16.8154, 3.3321



34.5297, 28.2684, 5.5120



34.7112, -8.4842, -7.5063



19.2697, 0.6891, 1.1049



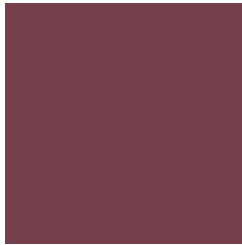
20.6138, 35.7017, 10.2196



45.3836, 78.3622, 24.3529

Previews

White Background



This preview shows how the HunterLab color 28.2321, 16.8169, 3.3315 looks on a white background.

Color Contrast Check

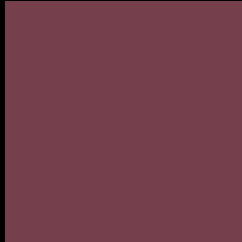
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.2321, 16.8169, 3.3315 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

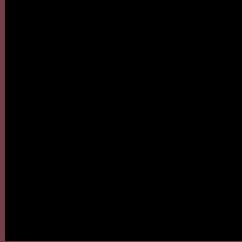
Any Text WCAG AA × Fail

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 28.2321, 16.8169, 3.3315 Background



This preview shows how black text looks on a background with the HunterLab color 28.2321, 16.8169, 3.3315.



This preview shows how white text looks on a background with the HunterLab color 28.2321, 16.8169,

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

28.2321, 16.8169, 3.3315

Protanopia

28.4582, -0.7731, -0.3832

Deuteranopia

28.2415, 1.8135, 3.8330



Tritanopia

28.1705, 15.3218, 5.4315

Trichromacy



Original Color

28.2321, 16.8169, 3.3315

Protanomaly

27.9891, 5.1381, 0.4269

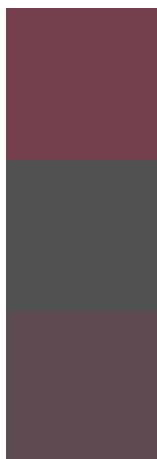
Deuteranomaly

28.0215, 7.2925, 3.3098

Tritanomaly

28.2161, 15.5440, 4.7760

Monochromacy



Original Color

28.2321, 16.8169, 3.3315

Achromatopsia

28.6850, -1.5306, 1.5585

Achromatomaly

28.2424, 4.5727, 1.9539

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 28.2321, 16.8169, 3.3315 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, 64, 76)` looks like.

```
.text, #text, p{  
    color:rgb(117, 64, 76)  
}
```

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, 64, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 64, 76) }
```

Border

The CSS property to change the border of an element to HunterLab 28.2321, 16.8169, 3.3315 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, 64, 76) }
```


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

```
.border{ border-color:rgb(117, 64, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 64, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 64, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 64, 76);  
box-shadow:4px 4px 4px 4px rgb(117, 64,  
76) }
```

Background

The CSS property to change the background color of an element to HunterLab 28.2321, 16.8169, 3.3315 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 64, 76) }
```

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

```
.background{ background-color: rgb(117, 64,  
76) }
```

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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