

Converting Colors

HunterLab(28.3329, 15.1003,
8.0041)

Have a look what the booklet for
HunterLab(28.3329, 15.1003,
8.0041) contains.

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Color

**HunterLab(28.2684, 15.3086,
7.8236)**

Conversions

Conversions Part 1

Format	Color
Hex	76413F
RGB	118, 65, 63
RGB Percent	46%, 25%, 25%
CMY	0.5373, 0.7451, 0.7529
CMYK	0.00, 0.45, 0.47, 0.54
HSL	2°, 30%, 35%
HSV	2°, 47%, 46%
XYZ	10.2587, 7.9910, 5.7044
YIQ	80.6190, 32.2300, 10.6140

Conversions

Conversions Part 2

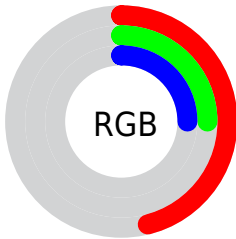
Format	Color
R_{YB}	118, 65, 63
Decimal	7749951
CIE _{Lab}	33.97, 22.70, 11.31
CIE _{LCh}	34, 25.358, 26.488
Yxy	7.9914, 0.4283, 0.3336
Android (android.graphics.Color)	4285940031 (0xFF76413F)
YUV	80.6190, -8.6862, 32.7831
Hunter-Lab	28.2684, 15.3086, 7.8236

Details

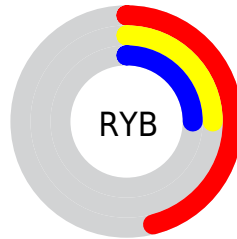
The HunterLab color **28.2684, 15.3086, 7.8236** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **38.5420, -13.8874, -2.8598**, and the grayscale version is **28.5698, -1.5244, 1.5523**.

A 20% lighter version of the original color is **46.8540, 16.6762, 10.1326**, and **13.2202, 13.3235, 5.1977** is the 20% darker color. If you saturate the color by 10%, you get **25.8779, 19.3826, 9.0561**, and if you desaturate by 10%, it is **30.9473, 11.2766, 6.5825**.

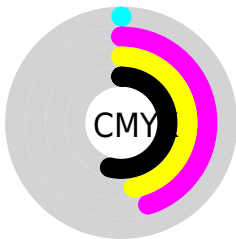
Distribution



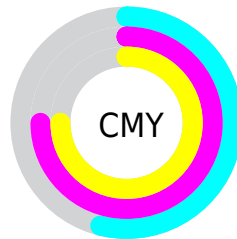
- Red (46%)
- Green (25%)
- Blue (25%)



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



- Cyan (0%)
- Magenta (45%)
- Yellow (47%)
- Black (54%)



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

Brightness & Saturation Gradients

These gradients show how the HunterLab color 28.2684, 15.3086, 7.8236 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 28.2684, 15.3086, 7.8236 by changing the saturation by 10% instead.

■ 28.2684, 15.3086,
7.8236

■ 28.2684, 15.3086,
7.8236

■ 132.5386, 19.2657,
18.6894

■ 20.2224, 14.3459,
6.5317

■ 46.8419, 16.8251,
10.2826

■ 13.1291, 13.2253,
5.1592

■ 57.2352, 17.4160,
11.4829

■ 6.6254, 14.7550,
4.6377

■ 68.3005, 17.9123,
12.6764

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 79.9991, 18.3239,
13.8687

0.0000, NaN, NaN

■ 92.2986, 18.6590,
15.0637

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 105.1708, 18.9240,

16.2642

0.0000, NaN, NaN

118.5913, 19.1247,
17.4722

■ 28.2684, 15.3086,
7.8236

■ 28.2684, 15.3086,
7.8236

■ 25.8779, 19.3826,
9.0561

■ 30.9473, 11.2766,
6.5825

■ 23.8230, 23.3575,
10.2244

■ 33.8683, 7.3692,
5.3630

■ 22.1537, 27.0050,
11.2502

■ 36.9950, 3.6162,
4.1811

■ 20.9093, 30.0394,
12.0421

■ 40.2969, 0.0219,
3.0420

■ 20.0930, 32.1899,
12.6057

■ 43.7494, -3.4233,
1.9453

■ 19.8616, 32.8065,
12.8130

■ 47.3328, -6.7350,
0.8878

■ 51.0311, -9.9305,
-0.1349

■ 54.8315, -13.0266,
-1.1273

■ 58.7233, -16.0384,
-2.0938

Harmonies

Analogous

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



28.2691, 17.4645, 0.5335



28.2684, 15.3086, 7.8236



28.2691, 8.4648, 11.9475

Triad

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



28.2691, 15.3070, 7.8241



28.2691, -14.2936, 9.0688



28.2691, -2.5403, -19.7354

Complementary

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



28.2684, 15.3086, 7.8236



38.5420, -13.8874, -2.8598

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.



28.2691, -10.2685, -15.4654



28.2684, 15.3086, 7.8236



28.2691, -16.5099, 2.5084

Square

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



28.2691, 15.3070, 7.8241



28.2691, -8.6759, 12.4964



28.2691, -15.1310, -6.6338



28.2691, 6.4497, -17.0191

Rectangle

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



28.2684, 15.3086, 7.8236



28.2691, 2.5584, 13.1514



28.2691, -15.1310, -6.6338



28.2691, -5.3604, -19.0434

Sweetspot

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



28.2691, 15.3070, 7.8241



50.0271, 3.6994, 5.1977



29.4473, 23.6974, -14.8100



23.6321, 2.1742, 2.6189



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.



28.2691, 15.3070, 7.8241



34.0837, 26.1237, 12.1345



34.5292, 2.7691, 13.2502



19.2881, 0.4286, 1.6188



20.6485, 34.1568, 13.3215



45.2803, 76.4226, 29.2394

Inverse Universe

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



38.5420, -13.8874, -2.8598



50.2781, -20.6253, -4.9188



30.7477, -2.3464, -14.1441



20.3311, -2.4586, 0.5568



37.8924, -19.1607, -5.9997



83.4790, -42.0930, -13.4748

Previews

White Background



This preview shows how the HunterLab color 28.2684, 15.3086, 7.8236 looks on a white background.

Color Contrast Check

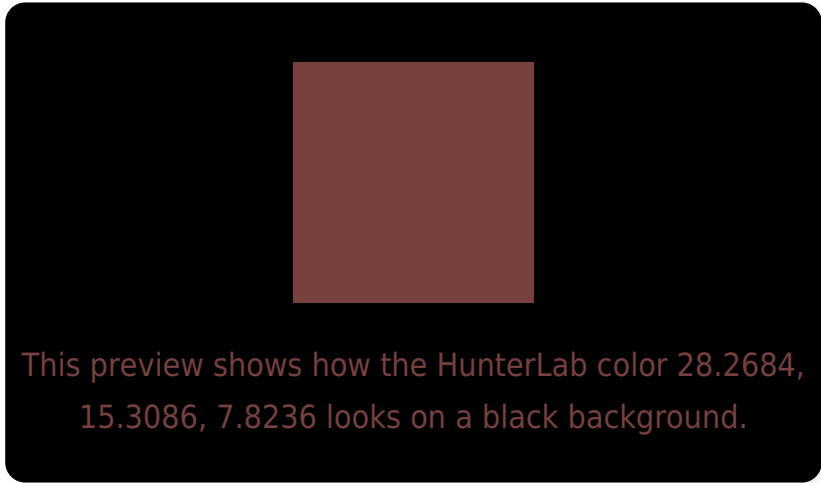
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

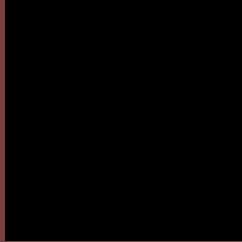
Any Text WCAG AA × Fail

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 28.2684, 15.3086, 7.8236 Background



This preview shows how black text looks on a background with the HunterLab color 28.2684, 15.3086, 7.8236.

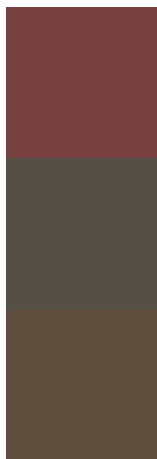


This preview shows how white text looks on a background with the HunterLab color 28.2684, 15.3086,

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

28.2684, 15.3086, 7.8236

Protanopia

28.3978, -1.7342, 5.3705

Deuteranopia

28.4211, 1.8610, 8.3355



Tritanopia

28.1922, 16.3772, 5.8179

Trichromacy



Original Color

28.2684, 15.3086, 7.8236

Protanomaly

28.1500, 3.7047, 6.2263

Deuteranomaly

28.2780, 6.3496, 7.9805

Tritanomaly

28.1489, 16.1671, 6.4434

Monochromacy



Original Color

28.2684, 15.3086, 7.8236

Achromatopsia

28.6850, -1.5306, 1.5585

Achromatomaly

28.1181, 3.9167, 3.7340

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 28.2684, 15.3086, 7.8236 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(118, 65, 63)` looks like.

```
.text, #text, p{  
    color:rgb(118, 65, 63)  
}
```

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(118, 65, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 65, 63) }
```

Border

The CSS property to change the border of an element to HunterLab 28.2684, 15.3086, 7.8236 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(118, 65, 63) }
```


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

```
.border{ border-color:rgb(118, 65, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 65, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 65, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 65, 63);  
box-shadow:4px 4px 4px 4px rgb(118, 65,  
63) }
```

Background

The CSS property to change the background color of an element to HunterLab 28.2684, 15.3086, 7.8236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 65, 63) }
```

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

```
.background{ background-color: rgb(118, 65,  
63) }
```

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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