

Converting Colors

HunterLab(31.2578, -16.7922,
7.4323)

Have a look what the booklet for
HunterLab(31.2578, -16.7922,
7.4323) contains.

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Color

**HunterLab(31.2795,
-16.7098, 7.3607)**

Conversions

Conversions Part 1

Format	Color
Hex	2E6248
RGB	46, 98, 72
RGB Percent	18%, 38%, 28%
CMY	0.8196, 0.6157, 0.7176
CMYK	0.53, 0.00, 0.27, 0.62
HSL	150°, 36%, 28%
HSV	150°, 53%, 38%
XYZ	6.6641, 9.7841, 7.6682
YIQ	79.4880, -22.6460, -19.1100

Conversions

Conversions Part 2

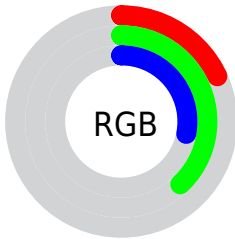
Format	Color
RYB	46, 81, 98
Decimal	3039816
CIELab	37.45, -24.22, 9.57
CIELCh	37, 26.042, 158.448
Yxy	9.7845, 0.2763, 0.4057
Android (android.graphics.Color)	4281229896 (0xFF2E6248)
YUV	79.4880, -3.6916, -29.3690
Hunter-Lab	31.2795, -16.7098, 7.3607




Details

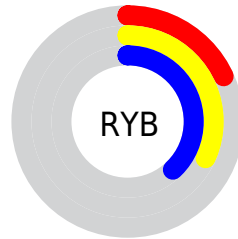
The HunterLab color **31.2795, -16.7098, 7.3607** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **22.4025, 18.0365, -2.1066**, and the grayscale version is **28.1574, -1.5024, 1.5298**.




A 20% lighter version of the original color is **50.3609, -20.7078, 9.3732**, and **15.6572, -11.5144, 5.2862** is the 20% darker color. If you saturate the color by 10%, you get **30.8559, -18.6021, 8.4535**, and if you desaturate by 10%, it is **31.7886, -14.5059, 6.2727**.

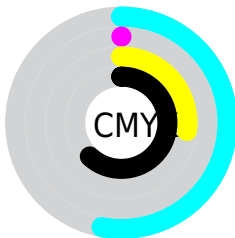
Distribution







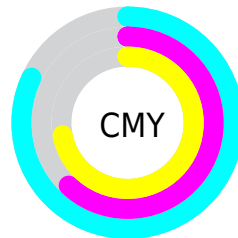
-  Red (18%)
-  Green (38%)
-  Blue (28%)






-  Red (18%)
-  Yellow (32%)
-  Blue (38%)



-  Cyan (53%)
-  Magenta (0%)
-  Yellow (27%)
-  Black (62%)



-  Cyan (82%)
-  Magenta (62%)
-  Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 31.2795, -16.7098, 7.3607 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 31.2795, -16.7098, 7.3607 by changing the saturation by 10% instead.

■ 31.2795, -16.7098,
7.3607

■ 31.2795, -16.7098,
7.3607

137.5234,
-33.7046, 17.3944

■ 22.9266, -14.4479,
6.2246

■ 50.3878, -20.8489,
9.5716

■ 15.4868, -11.9684,
5.0383

■ 61.0203, -22.7959,
10.6682

■ 9.0833, -12.1049,
4.8602

■ 72.3105, -24.6890,
11.7671

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 84.2222, -26.5414,
12.8722

0.0000, NaN, NaN

■ 96.7243, -28.3626,
13.9858

0.0000, NaN, NaN

■ 109.7904,

0.0000, NaN, NaN

-30.1600, 15.1100

0.0000, NaN, NaN

123.3970,
-31.9392, 16.2458

■ 31.2795, -16.7098,
7.3607

■ 31.2795, -16.7098,
7.3607

■ 30.8559, -18.6021,
8.4535

■ 31.7886, -14.5059,
6.2727

■ 30.5133, -20.1757,
9.5373

■ 32.3826, -12.0025,
5.2008

■ 30.2484, -21.4345,
10.5991

■ 33.0622, -9.2191,
4.1560

■ 30.0519, -22.4059,
11.6223

■ 33.8263, -6.1791,
3.1478

■ 29.9290, -23.0190,
12.2828

■ 34.6735, -2.9081,
2.1840

■ 35.6012, 0.5670,
1.2707

■ 36.6068, 4.2196,
0.4121

■ 37.6869, 8.0244,
-0.3887

■ 38.8382, 11.9577,
-1.1304

Harmonies

Analogous

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



31.2801, -12.0924, 12.3614



31.2795, -16.7098, 7.3607



31.2801, -17.5551, -0.9181

Triad

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



31.2801, -16.7102, 7.3610



31.2801, 1.0171, -20.4043



31.2801, 13.7074, 10.5863

Complementary

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



31.2795, -16.7098, 7.3607



22.4025, 18.0365, -2.1066

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.



31.2801, 18.1940, 4.1146



31.2795, -16.7098, 7.3607



31.2801, 10.3238, -14.8903

Square

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



31.2801, -16.7102, 7.3610



31.2801, -8.0107, -18.7704



31.2801, 16.8879, -5.2613



31.2801, 5.2183, 13.8065

Rectangle

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



31.2795, -16.7098, 7.3607



31.2801, -15.9730, -7.5989



31.2801, 16.8879, -5.2613



31.2801, 15.7766, 8.8089

Sweetspot

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



31.2801, -16.7102, 7.3610



44.4203, -9.5906, 4.6168



32.1626, -14.1123, 14.8063



21.5905, -4.9378, 2.3368



72.2857, -3.8570, 3.9274



22.5557, -1.2035, 1.2255

Same Dimension

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



31.2801, -16.7102, 7.3610



40.7062, -25.2611, 11.6011



31.9095, -12.9999, -1.6399



16.9562, -2.3982, 1.3584



34.5239, -26.6417, 14.3600



79.6844, -62.2705, 34.8256

Inverse Universe

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



22.4025, 18.0365, -2.1066



26.7954, 29.7712, -2.7775



21.8060, 15.2493, 6.4295



16.1522, 0.6875, 0.4665



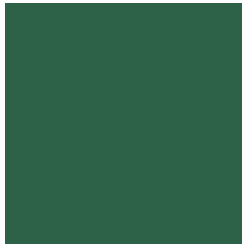
19.3504, 34.6188, 1.0263



44.5256, 79.2889, 5.2257

Previews

White Background



This preview shows how the HunterLab color 31.2795, -16.7098, 7.3607 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 31.2795, -16.7098, 7.3607 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

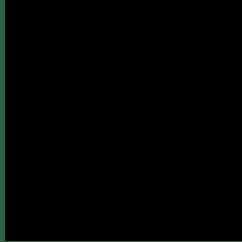
Any Text WCAG AA × Fail

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 31.2795, -16.7098, 7.3607 Background



This preview shows how black text looks on a background with the HunterLab color 31.2795, -16.7098, 7.3607.



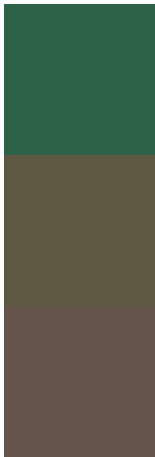
This preview shows how white text looks on a background with the HunterLab color 31.2795,

-16.7098, 7.3607.

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

31.2795, -16.7098, 7.3607

Protanopia

31.2480, -2.5933, 9.1339

Deuteranopia

31.0086, 2.1894, 6.4179



Tritanopia

31.2234, -9.3501, -4.7939

Trichromacy



Original Color

31.2795, -16.7098, 7.3607

Protanomaly

31.0833, -8.6737, 8.2622

Deuteranomaly

30.6407, -5.8411, 6.2423

Tritanomaly

31.0541, -12.1208, 0.0263

Monochromacy



Original Color

31.2795, -16.7098, 7.3607

Achromatopsia

27.9620, -1.4920, 1.5192

Achromatomaly

28.9321, -7.7707, 3.6799

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 31.2795, -16.7098, 7.3607 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(46, 98, 72)` looks like.

```
.text, #text, p{  
    color:rgb(46, 98, 72)  
}
```

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(46, 98, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 98, 72) }
```

Border

The CSS property to change the border of an element to HunterLab 31.2795, -16.7098, 7.3607 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(46, 98, 72) }
```


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

```
.border{ border-color:rgb(46, 98, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 98, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 98, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 98, 72);  
box-shadow:4px 4px 4px 4px rgb(46, 98, 72)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 31.2795, -16.7098, 7.3607 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 98, 72) }
```

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

```
.background{ background-color: rgb(46, 98,  
72) }
```

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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