

Converting Colors

HunterLab(33.1800, -42.1743,
11.3585)

Have a look what the booklet for
HunterLab(33.1800, -42.1743,
11.3585) contains.

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Color

**HunterLab(36.4907,
-27.7798, 14.3583)**

Conversions

Conversions Part 1

Format	Color
Hex	00763F
RGB	0, 118, 63
RGB Percent	0%, 46%, 25%
CMY	1.0000, 0.5372, 0.7529
CMYK	1.00, 0.00, 0.47, 0.54
HSL	152°, 100%, 23%
HSV	152°, 100%, 46%
XYZ	7.3756, 13.3157, 6.8841
YIQ	76.4480, -52.6730, -42.1210

Conversions

Conversions Part 2

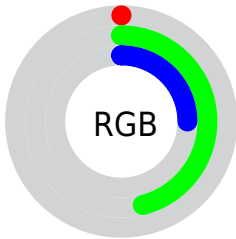
Format	Color
RYB	0, 77, 118
Decimal	30271
CIELab	43.24, -42.06, 22.45
CIELCh	43, 47.676, 151.902
Yxy	13.3162, 0.2675, 0.4829
Android (android.graphics.Color)	4278220351 (0xFF00763F)
YUV	76.4480, -6.6299, -67.0449
Hunter-Lab	36.4907, -27.7798, 14.3583

Details

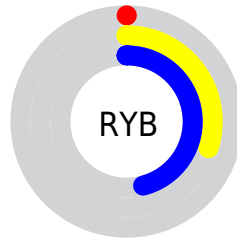
The HunterLab color **36.4907, -27.7798, 14.3583** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **20.3165, 36.1498, 2.6026**, and the grayscale version is **27.0814, -1.4450, 1.4714**.

A 20% lighter version of the original color is **56.3643, -34.2425, 18.3124**, and **20.4400, -16.7645, 10.6415** is the 20% darker color. If you saturate the color by 10%, you get **36.4914, -27.7804, 14.3588**, and if you desaturate by 10%, it is **36.6846, -26.7980, 13.1667**.

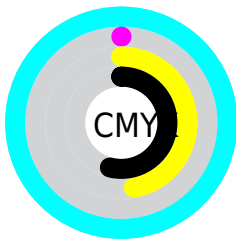
Distribution



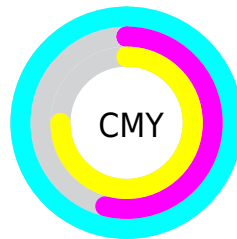
- Red (0%)
- Green (46%)
- Blue (25%)



- Red (0%)
- Yellow (30%)
- Blue (46%)



- Cyan (100%)
- Magenta (0%)
- Yellow (47%)
- Black (54%)



- Cyan (100%)
- Magenta (54%)
- Yellow (75%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.4907, -27.7798, 14.3583 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 36.4907, -27.7798, 14.3583 by changing the saturation by 10% instead.

■ 36.4907, -27.7798,
14.3583

■ 36.4907, -27.7798,
14.3583

145.9228,
-53.2480, 30.5160

■ 27.6526, -24.2067,
12.2544

■ 56.4542, -34.2205,
18.2517

■ 19.6716, -20.2711,
9.9835

■ 67.4719, -37.1976,
20.0957

■ 12.6529, -16.9787,
8.7370

■ 79.1255, -40.0585,
21.8943

■ 5.9853, -10.4743,
4.1897

■ 91.3821, -42.8258,
23.6587

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 104.2135,
-45.5166, 25.3973

0.0000, NaN, NaN

■ 117.5948,

0.0000, NaN, NaN

-48.1439, 27.1165

0.0000, NaN, NaN

131.5043,
-50.7183, 28.8214

36.4907, -27.7798,
14.3583

36.4907, -27.7798,
14.3583

36.4914, -27.7804,
14.3588

36.6846, -26.7980,
13.1667

36.9339, -25.5740,
11.9103

37.2741, -23.9729,
10.6293

37.7126, -21.9781,
9.3413

38.2544, -19.5867,
8.0632

■ 38.9026, -16.8076,
6.8106

■ 39.6583, -13.6589,
5.5980

■ 40.5217, -10.1658,
4.4376

■ 41.4911, -6.3586,
3.3397

Harmonies

Analogous

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



36.4914, -18.5280, 20.3609



36.4907, -27.7798, 14.3583



36.4914, -30.5447, 0.8740

Triad

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



36.4914, -27.7802, 14.3585



36.4914, -0.7906, -48.7629



36.4914, 32.4073, 15.4738

Complementary

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



36.4907, -27.7798, 14.3583



20.3165, 36.1498, 2.6026

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.



36.4914, 39.5841, 3.0647



36.4907, -27.7798, 14.3583



36.4914, 18.2471, -38.5873

Square

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



36.4914, -27.7802, 14.3585



36.4914, -16.8886, -40.7464



36.4914, 33.9609, -17.2182



36.4914, 15.8634, 20.7499

Rectangle

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



36.4907, -27.7798, 14.3583



36.4914, -28.8741, -12.5877



36.4914, 33.9609, -17.2182



36.4914, 36.1255, 12.2743

Sweetspot

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



36.4914, -27.7802, 14.3585



52.5068, -18.4408, 7.5412



37.1100, -26.1832, 22.4085



25.0127, -9.5207, 3.8672



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.



36.4914, -27.7802, 14.3585



48.3600, -37.0068, 19.4413



36.5489, -18.5638, -5.6087



20.3171, -2.9185, 1.5813



37.9516, -28.9153, 14.9836



83.6745, -64.4761, 34.5997

Inverse Universe

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



20.3165, 36.1498, 2.6026



26.8911, 47.7585, 4.1457



19.8422, 32.8738, 12.8020



19.3045, 0.8767, 0.6084



21.1253, 37.5784, 2.7921



46.4518, 82.2888, 8.7867

Previews

White Background



This preview shows how the HunterLab color 36.4907, -27.7798, 14.3583 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 × Fail

Black Background



This preview shows how the HunterLab color 36.4907, -27.7798, 14.3583 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 36.4907, -27.7798, 14.3583 Background



This preview shows how black text looks on a background with the HunterLab color 36.4907, -27.7798, 14.3583.



This preview shows how white text looks on a background with the HunterLab color 36.4907, -27.7798, 14.3583.

-27.7798, 14.3583.

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

36.4907, -27.7798, 14.3583

Protanopia

36.3908, -3.9792, 16.0475

Deuteranopia

36.1999, 2.4495, 13.3919



Tritanopia

36.7482, -14.3557, -6.7925

Trichromacy



Original Color

36.4907, -27.7798, 14.3583

Protanomaly

35.1859, -17.1835, 14.4084

Deuteranomaly

34.8083, -13.8550, 12.4268

Tritanomaly

36.3340, -20.3697, 2.3582

Monochromacy



Original Color

36.4907, -27.7798, 14.3583

Achromatopsia

26.8834, -1.4344, 1.4606

Achromatomaly

29.2668, -14.0290, 5.7120

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.4907, -27.7798, 14.3583 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(0, 118, 63)` looks like.

```
.text, #text, p{  
    color:rgb(0, 118, 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(0, 118, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 118, 63) }
```

Border

The CSS property to change the border of an element to HunterLab 36.4907, -27.7798, 14.3583 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(0, 118, 63) }
```


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

```
.border{ border-color:rgb(0, 118, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 118, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 118, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 118, 63);  
box-shadow:4px 4px 4px 4px rgb(0, 118, 63)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 36.4907, -27.7798, 14.3583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 118, 63) }
```

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

```
.background{ background-color: rgb(0, 118,  
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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