

Converting Colors

HunterLab(34.8294, -38.3821,
9.1712)

Have a look what the booklet for
HunterLab(34.8294, -38.3821,
9.1712) contains.

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Color

**HunterLab(37.3560,
-27.0461, 11.6930)**

Conversions

Conversions Part 1

Format	Color
Hex	00784C
RGB	0, 120, 76
RGB Percent	0%, 47%, 30%
CMY	1.0000, 0.5294, 0.7020
CMYK	1.00, 0.00, 0.37, 0.53
HSL	158°, 100%, 24%
HSV	158°, 100%, 47%
XYZ	8.0210, 13.9547, 9.1082
YIQ	79.1040, -57.3960, -39.1240

Conversions

Conversions Part 2

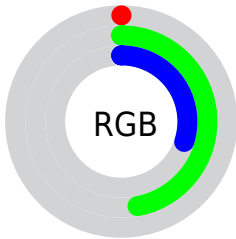
Format	Color
RYB	0, 73, 120
Decimal	30796
CIELab	44.17, -40.03, 16.27
CIELCh	44, 43.211, 157.882
Yxy	13.9553, 0.2580, 0.4489
Android (android.graphics.Color)	4278220876 (0xFF00784C)
YUV	79.1040, -1.5303, -69.3742
Hunter-Lab	37.3560, -27.0461, 11.6930

Details

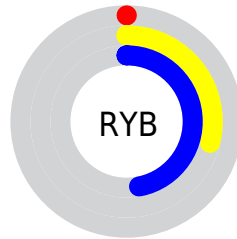
The HunterLab color **37.3560, -27.0461, 11.6930** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **20.4334, 35.8815, 6.3031**, and the grayscale version is **28.0208, -1.4951, 1.5224**.

A 20% lighter version of the original color is **57.3623, -33.0890, 14.7130**, and **21.1642, -16.4796, 9.1212** is the 20% darker color. If you saturate the color by 10%, you get **37.3567, -27.0468, 11.6938**, and if you desaturate by 10%, it is **37.5456, -26.0963, 10.5707**.

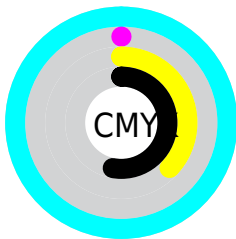
Distribution



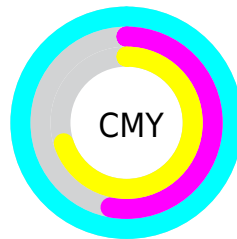
- Red (0%)
- Green (47%)
- Blue (30%)



- Red (0%)
- Yellow (29%)
- Blue (47%)



- Cyan (100%)
- Magenta (0%)
- Yellow (37%)
- Black (53%)



- Cyan (100%)
- Magenta (53%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.3560, -27.0461, 11.6930 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 37.3560, -27.0461, 11.6930 by changing the saturation by 10% instead.

■ 37.3560, -27.0461,
11.6930

■ 37.3560, -27.0461,
11.6930

147.2930,
-51.4230, 24.8397

■ 28.4421, -23.6628,
10.0822

■ 57.4540, -33.1721,
14.7432

■ 20.3772, -19.9509,
8.3726

■ 68.5325, -36.0141,
16.2173

■ 13.2632, -16.2977,
6.7341

■ 80.2437, -38.7504,
17.6718

■ 6.7934, -11.8884,
4.7554

■ 92.5551, -41.4019,
19.1136

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 105.4387,
-43.9840, 20.5479

0.0000, NaN, NaN

■ 118.8702,

0.0000, NaN, NaN

-46.5089, 21.9785

0.0000, NaN, NaN

132.8280,
-48.9860, 23.4083

37.3560, -27.0461,
11.6930

37.3560, -27.0461,
11.6930

37.3567, -27.0468,
11.6938

37.5456, -26.0963,
10.5707

37.7894, -24.9169,
9.4301

38.1225, -23.3746,
8.3135

38.5525, -21.4512,
7.2380

39.0847, -19.1418,
6.2189

■ 39.7224, -16.4529,
5.2694

■ 40.4672, -13.4001,
4.4007

■ 41.3192, -10.0062,
3.6214

■ 42.2774, -6.2994,
2.9381

Harmonies

Analogous

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



37.3567, -19.5254, 18.8559



37.3560, -27.0461, 11.6930



37.3567, -28.4811, -2.3400

Triad

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



37.3567, -27.0464, 11.6933



37.3567, 2.4493, -41.8275



37.3567, 26.4403, 16.2086

Complementary

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



37.3560, -27.0461, 11.6930



20.4334, 35.8815, 6.3031

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.



37.3567, 34.8483, 5.9347



37.3560, -27.0461, 11.6930



37.3567, 19.5151, -30.4281

Square

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



37.3567, -27.0464, 11.6933



37.3567, -13.1901, -38.0432



37.3567, 32.1157, -11.1852



37.3567, 10.6960, 20.5641

Rectangle

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



37.3560, -27.0461, 11.6930



37.3567, -26.0754, -14.9833



37.3567, 32.1157, -11.1852



37.3567, 30.3324, 13.5596

Sweetspot

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



37.3567, -27.0464, 11.6933



53.5890, -18.0862, 5.9173



37.4358, -28.1128, 22.5753



25.9178, -9.4974, 3.0673



78.7982, -4.2045, 4.2813



27.9800, -1.4929, 1.5202

Same Dimension

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



37.3567, -27.0464, 11.6933



49.5154, -36.0315, 15.8917



34.1536, -15.1113, -10.0675



21.1865, -2.9742, 1.4405



39.0141, -28.2713, 12.2654



85.1103, -62.3536, 28.2230

Inverse Universe

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



20.4334, 35.8815, 6.3031



27.0535, 47.4232, 9.0062



20.7543, 31.6516, 13.3424



20.0925, 0.8483, 0.8478



21.3355, 37.4555, 6.6720



46.4352, 81.2072, 16.9393

Previews

White Background



This preview shows how the HunterLab color 37.3560, -27.0461, 11.6930 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 37.3560, -27.0461, 11.6930 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 37.3560, -27.0461, 11.6930 Background



This preview shows how black text looks on a background with the HunterLab color 37.3560, -27.0461, 11.6930.



This preview shows how white text looks on a background with the HunterLab color 37.3560,

-27.0461, 11.6930.

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

37.3560, -27.0461, 11.6930

Protanopia

37.2035, -3.5268, 13.8902

Deuteranopia

37.2102, 2.3693, 10.5664



Tritanopia

37.4212, -14.6784, -7.4107

Trichromacy



Original Color

37.3560, -27.0461, 11.6930

Protanomaly

36.0520, -16.4602, 11.8442

Deuteranomaly

35.6365, -13.2222, 9.4206

Tritanomaly

37.1286, -20.0180, 0.3155

Monochromacy



Original Color

37.3560, -27.0461, 11.6930

Achromatopsia

27.9620, -1.4920, 1.5192

Achromatomaly

30.3868, -13.8590, 4.4180

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.3560, -27.0461, 11.6930 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, 120, 76)` looks like.

```
.text, #text, p{  
    color:rgb(0, 120, 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(0, 120, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 120, 76) }
```

Border

The CSS property to change the border of an element to HunterLab 37.3560, -27.0461, 11.6930 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, 120, 76) }
```


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

```
.border{ border-color:rgb(0, 120, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 120, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 120, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 120, 76);  
box-shadow:4px 4px 4px 4px rgb(0, 120, 76)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 37.3560, -27.0461, 11.6930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 120, 76) }
```

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

```
.background{ background-color: rgb(0, 120,  
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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