

Converting Colors

HunterLab(35.0314, -36.5360,
9.9393)

Have a look what the booklet for
HunterLab(35.0314, -36.5360,
9.9393) contains.

HunterLab(37.3194, -27.2718, 12.2260)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(37.3194,
-27.2718, 12.2260)**

Conversions

Conversions Part 1

Format	Color
Hex	00784A
RGB	0, 120, 74
RGB Percent	0%, 47%, 29%
CMY	1.0000, 0.5294, 0.7098
CMYK	1.00, 0.00, 0.38, 0.53
HSL	157°, 100%, 24%
HSV	157°, 100%, 47%
XYZ	7.9525, 13.9274, 8.7477
YIQ	78.8760, -56.7540, -39.7460

Conversions

Conversions Part 2

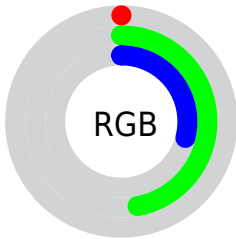
Format	Color
RYB	0, 74, 120
Decimal	30794
CIELab	44.13, -40.49, 17.37
CIELCh	44, 44.056, 156.778
Yxy	13.9279, 0.2597, 0.4547
Android (android.graphics.Color)	4278220874 (0xFF00784A)
YUV	78.8760, -2.4039, -69.1743
Hunter-Lab	37.3194, -27.2718, 12.2260

Details

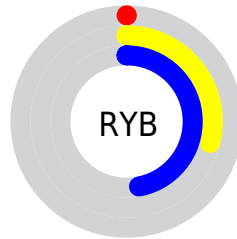
The HunterLab color **37.3194, -27.2718, 12.2260** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **20.4711, 36.0197, 5.7567**, and the grayscale version is **27.9415, -1.4909, 1.5181**.

A 20% lighter version of the original color is **57.3181, -33.3540, 15.3517**, and **21.1401, -16.6296, 9.4752** is the 20% darker color. If you saturate the color by 10%, you get **37.3201, -27.2726, 12.2268**, and if you desaturate by 10%, it is **37.5105, -26.3119, 11.0809**.

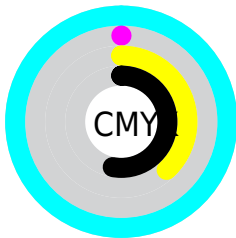
Distribution



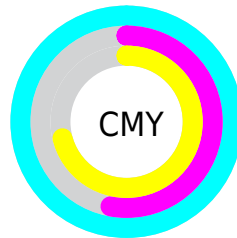
- Red (0%)
- Green (47%)
- Blue (29%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (38%)
- Black (53%)



- Cyan (100%)
- Magenta (53%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.3194, -27.2718, 12.2260 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 37.3194, -27.2718, 12.2260 by changing the saturation by 10% instead.

■ 37.3194, -27.2718,
12.2260

■ 37.3194, -27.2718,
12.2260

147.2352,
-51.8781, 25.8953

■ 28.4087, -23.8510,
10.5307

■ 57.4118, -33.4619,
15.4214

■ 20.3473, -20.0962,
8.7252

■ 68.4877, -36.3320,
16.9595

■ 13.2373, -16.4447,
7.0772

■ 80.1965, -39.0945,
18.4737

■ 6.7613, -11.8322,
4.7329

■ 92.5056, -41.7705,
19.9716

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 105.3870,
-44.3759, 21.4590

0.0000, NaN, NaN

■ 118.8163,

0.0000, NaN, NaN

-46.9228, 22.9399

0.0000, NaN, NaN

132.7721,
-49.4209, 24.4178

37.3194, -27.2718,
12.2260

37.3194, -27.2718,
12.2260

37.3201, -27.2726,
12.2268

37.5105, -26.3119,
11.0809

37.7563, -25.1190,
9.9102

38.0919, -23.5599,
8.7560

38.5250, -21.6164,
7.6354

39.0608, -19.2840,
6.5642

■ 39.7025, -16.5696,
5.5561

■ 40.4518, -13.4894,
4.6229

■ 41.3086, -10.0667,
3.7739

■ 42.2720, -6.3299,
3.0162

Harmonies

Analogous

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



37.3201, -19.4244, 19.2094



37.3194, -27.2718, 12.2260



37.3201, -28.9486, -1.7786

Triad

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



37.3201, -27.2721, 12.2263



37.3201, 1.8945, -43.1505



37.3201, 27.5494, 16.1391

Complementary

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



37.3194, -27.2718, 12.2260



20.4711, 36.0197, 5.7567

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.



37.3201, 35.7862, 5.4778



37.3194, -27.2718, 12.2260



37.3201, 19.3726, -31.8941

Square

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



37.3201, -27.2721, 12.2263



37.3201, -13.8902, -38.6539



37.3201, 32.5560, -12.2219



37.3201, 11.6102, 20.6698

Rectangle

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



37.3194, -27.2718, 12.2260



37.3201, -26.6660, -14.6255



37.3201, 32.5560, -12.2219



37.3201, 31.4283, 13.3894

Sweetspot

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



37.3201, -27.2721, 12.2263



53.5680, -18.2075, 6.2186



37.4993, -27.8482, 22.6191



25.9066, -9.5626, 3.2285



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.



37.3201, -27.2721, 12.2263



49.4664, -36.3331, 16.6041



34.7589, -15.8771, -9.1709



21.1840, -2.9881, 1.4761



38.9758, -28.5073, 12.8228



85.0253, -62.8774, 29.4600

Inverse Universe

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



20.4711, 36.0197, 5.7567



27.1025, 47.6032, 8.2935



20.6308, 32.0539, 13.2733



20.0951, 0.8621, 0.8115



21.3747, 37.5993, 6.1028



46.5172, 81.5085, 15.7454

Previews

White Background



This preview shows how the HunterLab color 37.3194, -27.2718, 12.2260 looks on a white background.

Color Contrast Check

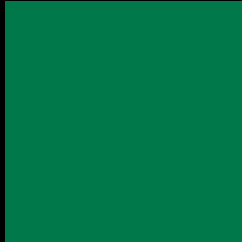
Large Text (above 18pt) WCAG AA ✓ Pass

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 37.3194, -27.2718, 12.2260 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 37.3194, -27.2718, 12.2260 Background



This preview shows how black text looks on a background with the HunterLab color 37.3194, -27.2718, 12.2260.



This preview shows how white text looks on a background with the HunterLab color 37.3194,

-27.2718, 12.2260.

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

37.3194, -27.2718, 12.2260

Protanopia

37.1707, -3.7082, 14.3693

Deuteranopia

37.1705, 2.1561, 11.1430



Tritanopia

37.3875, -14.8742, -6.9389

Trichromacy



Original Color

37.3194, -27.2718, 12.2260

Protanomaly

36.0163, -16.6699, 12.3626

Deuteranomaly

35.5962, -13.4558, 10.0040

Tritanomaly

37.0725, -20.3527, 1.1136

Monochromacy



Original Color

37.3194, -27.2718, 12.2260

Achromatopsia

27.9620, -1.4920, 1.5192

Achromatomaly

30.3634, -13.9969, 4.7546

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.3194, -27.2718, 12.2260 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, 74)` looks like.

```
.text, #text, p{  
    color:rgb(0, 120, 74)  
}
```

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, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 120, 74) }
```

Border

The CSS property to change the border of an element to HunterLab 37.3194, -27.2718, 12.2260 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, 74) }
```


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

```
.border{ border-color:rgb(0, 120, 74) }
```

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, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 120, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 120, 74);  
box-shadow:4px 4px 4px 4px rgb(0, 120, 74)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 37.3194, -27.2718, 12.2260 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, 74) }
```

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

```
.background{ background-color: rgb(0, 120,  
74) }
```

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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