

Converting Colors

HunterLab(37.7113, -32.6498,
11.8325)

Have a look what the booklet for
HunterLab(37.7113, -32.6498,
11.8325) contains.

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Color

**HunterLab(38.6486,
-28.3212, 12.8300)**

Conversions

Conversions Part 1

Format	Color
Hex	007C4C
RGB	0, 124, 76
RGB Percent	0%, 49%, 30%
CMY	1.0000, 0.5137, 0.7020
CMYK	1.00, 0.00, 0.39, 0.51
HSL	157°, 100%, 24%
HSV	157°, 100%, 49%
XYZ	8.5122, 14.9371, 9.2720
YIQ	81.4520, -58.4960, -41.2160

Conversions

Conversions Part 2

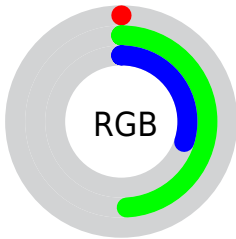
Format	Color
RYB	0, 77, 124
Decimal	31820
CIELab	45.55, -41.59, 18.13
CIELCh	46, 45.369, 156.450
Yxy	14.9377, 0.2601, 0.4565
Android (android.graphics.Color)	4278221900 (0xFF007C4C)
YUV	81.4520, -2.6878, -71.4334
Hunter-Lab	38.6486, -28.3212, 12.8300

Details

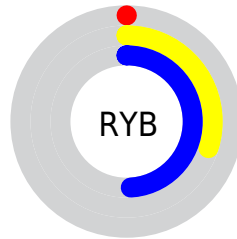
The HunterLab color **38.6486, -28.3212, 12.8300** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **21.2105, 37.3283, 5.9047**, and the grayscale version is **28.8746, -1.5407, 1.5688**.

A 20% lighter version of the original color is **59.0756, -34.8455, 16.3196**, and **22.3528, -17.5875, 10.0274** is the 20% darker color. If you saturate the color by 10%, you get **38.6493, -28.3220, 12.8309**, and if you desaturate by 10%, it is **38.8434, -27.3387, 11.6336**.

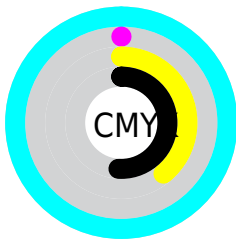
Distribution



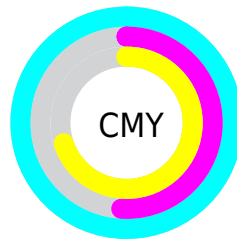
- Red (0%)
- Green (49%)
- Blue (30%)



- Red (0%)
- Yellow (30%)
- Blue (49%)



- Cyan (100%)
- Magenta (0%)
- Yellow (39%)
- Black (51%)



- Cyan (100%)
- Magenta (51%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 38.6486, -28.3212, 12.8300 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 38.6486, -28.3212, 12.8300 by changing the saturation by 10% instead.

■ 38.6486, -28.3212,
12.8300

■ 38.6486, -28.3212,
12.8300

149.3282,
-53.3518, 26.8323

■ 29.6238, -24.8520,
11.0897

■ 58.9440, -34.6117,
16.1103

■ 21.4363, -21.0542,
9.2381

■ 70.1119, -37.5314,
17.6882

■ 14.1836, -17.0087,
7.3915

■ 81.9078, -40.3425,
19.2405

■ 7.8376, -13.7159,
5.4864

■ 94.2997, -43.0660,
20.7750

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 107.2603,
-45.7177, 22.2975

0.0000, NaN, NaN

■ 120.7656,

0.0000, NaN, NaN

-48.3097, 23.8124

0.0000, NaN, NaN

134.7945,
-50.8518, 25.3231

■ 38.6486, -28.3212,
12.8300

■ 38.6486, -28.3212,
12.8300

■ 38.6493, -28.3220,
12.8309

■ 38.8434, -27.3387,
11.6336

■ 39.0968, -26.1063,
10.4100

■ 39.4437, -24.4919,
9.2011

■ 39.8923, -22.4761,
8.0252

■ 40.4480, -20.0540,
6.8987

■ 41.1143, -17.2326,
5.8362

■ 41.8928, -14.0290,
4.8503

■ 42.7836, -10.4674,
3.9508

■ 43.7856, -6.5779,
3.1454

Harmonies

Analogous

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



38.6494, -20.0893, 20.0076



38.6486, -28.3212, 12.8300



38.6494, -30.1338, -1.6667

Triad

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



38.6494, -28.3215, 12.8303



38.6494, 1.7879, -45.1178



38.6494, 28.8888, 16.6963

Complementary

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



38.6486, -28.3212, 12.8300



21.2105, 37.3283, 5.9047

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.



38.6494, 37.3662, 5.5289



38.6486, -28.3212, 12.8300



38.6494, 20.0222, -33.5050

Square

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



38.6494, -28.3215, 12.8303



38.6494, -14.6081, -40.2326



38.6494, 33.8623, -12.9910



38.6494, 12.3163, 21.4447

Rectangle

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



38.6486, -28.3212, 12.8300



38.6494, -27.8077, -15.0372



38.6494, 33.8623, -12.9910



38.6494, 32.9025, 13.8159

Sweetspot

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



38.6494, -28.3215, 12.8303



55.4933, -18.9308, 6.5241



38.8381, -28.8825, 23.4260



26.7498, -9.9265, 3.3825



79.8926, -4.2629, 4.3407



28.9024, -1.5422, 1.5703

Same Dimension

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



38.6494, -28.3215, 12.8303



51.2427, -37.7362, 17.4128



35.9947, -16.4314, -9.5190



21.1834, -2.9912, 1.4842



38.9673, -28.5597, 12.9464



85.0065, -62.9933, 29.7338

Inverse Universe

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



21.2105, 37.3283, 5.9047



28.0903, 49.3510, 8.4960



21.3498, 33.2774, 13.7378



20.0957, 0.8652, 0.8033



21.3838, 37.6327, 5.9708



46.5363, 81.5786, 15.4675

Previews

White Background



This preview shows how the HunterLab color 38.6486, -28.3212, 12.8300 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 38.6486, -28.3212, 12.8300 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 38.6486, -28.3212, 12.8300 Background



This preview shows how black text looks on a background with the HunterLab color 38.6486, -28.3212, 12.8300.



This preview shows how white text looks on a background with the HunterLab color 38.6486,

-28.3212, 12.8300.

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

38.6486, -28.3212, 12.8300

Protanopia

38.3757, -3.5826, 14.8856

Deuteranopia

38.4793, 2.6514, 11.7625



Tritanopia

38.7905, -15.4644, -7.0577

Trichromacy



Original Color

38.6486, -28.3212, 12.8300

Protanomaly

37.0594, -17.1751, 12.7265

Deuteranomaly

36.9902, -14.1167, 10.6895

Tritanomaly

38.4407, -21.1613, 1.4343

Monochromacy



Original Color

38.6486, -28.3212, 12.8300

Achromatopsia

28.6850, -1.5306, 1.5585

Achromatomaly

31.3751, -14.5007, 5.1008

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 38.6486, -28.3212, 12.8300 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, 124, 76)` looks like.

```
.text, #text, p{  
    color:rgb(0, 124, 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, 124, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 124, 76) }
```

Border

The CSS property to change the border of an element to HunterLab 38.6486, -28.3212, 12.8300 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, 124, 76) }
```


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

```
.border{ border-color:rgb(0, 124, 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, 124, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 124, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 124, 76);  
box-shadow:4px 4px 4px 4px rgb(0, 124, 76)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 38.6486, -28.3212, 12.8300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 124, 76) }
```

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

```
.background{ background-color: rgb(0, 124,  
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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