

Converting Colors

HunterLab(38.0124, -28.3813,
18.0411)

Have a look what the booklet for
HunterLab(38.0124, -28.3813,
18.0411) contains.

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Color

**HunterLab(38.0124,
-28.3813, 18.0411)**

Conversions

Conversions Part 1

Format	Color
Hex	1F7A33
RGB	31, 122, 51
RGB Percent	12%, 48%, 20%
CMY	0.8784, 0.5216, 0.8000
CMYK	0.75, 0.00, 0.58, 0.52
HSL	133°, 59%, 30%
HSV	133°, 75%, 48%
XYZ	8.1222, 14.4494, 5.4929
YIQ	86.6970, -31.4450, -41.3730

Conversions

Conversions Part 2

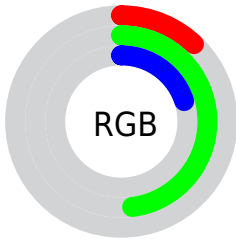
Format	Color
R_{YB}	31, 106, 122
Decimal	2062899
CIE Lab	44.87, -42.14, 31.05
CIE LCh	45, 52.345, 143.618
Yxy	14.4500, 0.2894, 0.5149
Android (android.graphics.Color)	4280252979 (0xFF1F7A33)
YUV	86.6970, -17.5986, -48.8463
Hunter-Lab	38.0124, -28.3813, 18.0411

Details

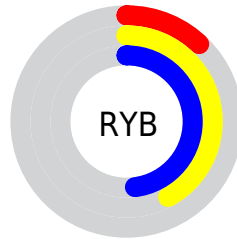
The HunterLab color **38.0124, -28.3813, 18.0411** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **24.6518, 35.8913, -14.4153**, and the grayscale version is **30.8323, -1.6451, 1.6752**.

A 20% lighter version of the original color is **58.0979, -34.5497, 22.8909**, and **21.5437, -18.3648, 12.7165** is the 20% darker color. If you saturate the color by 10%, you get **37.7089, -29.8576, 19.3450**, and if you desaturate by 10%, it is **38.4310, -26.4087, 16.5115**.

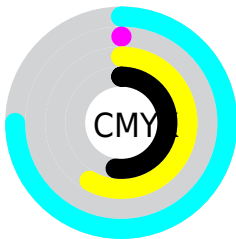
Distribution



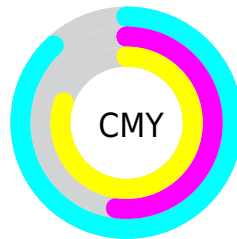
- Red (12%)
- Green (48%)
- Blue (20%)



- Red (12%)
- Yellow (42%)
- Blue (48%)



- Cyan (75%)
- Magenta (0%)
- Yellow (58%)
- Black (52%)



- Cyan (88%)
- Magenta (52%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 38.0124, -28.3813, 18.0411 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 38.0124, -28.3813, 18.0411 by changing the saturation by 10% instead.

■ 38.0124, -28.3813,
18.0411

■ 38.0124, -28.3813,
18.0411

148.3283,
-53.7436, 38.4334

■ 29.0419, -24.8496,
15.2751

■ 58.2112, -34.7719,
23.0979

■ 20.9143, -20.9752,
12.2949

■ 69.3353, -37.7333,
25.4603

■ 13.7294, -17.0567,
9.6105

■ 81.0897, -40.5823,
27.7439

■ 7.3438, -12.8516,
5.1406

■ 93.4422, -43.3405,
29.9649

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 106.3651,
-46.0243, 32.1357

0.0000, NaN, NaN

■ 119.8342,

0.0000, NaN, NaN

-48.6464, 34.2659

0.0000, NaN, NaN

133.8283,
-51.2168, 36.3631

■ 38.0124, -28.3813,
18.0411

■ 38.0124, -28.3813,
18.0411

■ 37.7089, -29.8576,
19.3450

■ 38.4310, -26.4087,
16.5115

■ 37.5051, -30.8780,
20.4137

■ 38.9692, -23.9287,
14.7679

■ 37.4138, -31.3354,
20.8802

■ 39.6321, -20.9490,
12.8281

■ 40.4217, -17.4911,
10.7136

■ 41.3379, -13.5873,
8.4485

■ 42.3793, -9.2775,
6.0580

■ 43.5427, -4.6063,
3.5672

■ 44.8242, 0.3805,
0.9996

■ 46.2189, 5.6375,
-1.6232

Harmonies

Analogous

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



38.0132, -16.2913, 22.6799



38.0124, -28.3813, 18.0411



38.0132, -33.2876, 5.9288

Triad

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



38.0132, -28.3818, 18.0413



38.0132, -6.2267, -55.4975



38.0132, 40.1945, 14.0361

Complementary

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



38.0124, -28.3813, 18.0411



24.6518, 35.8913, -14.4153

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.



38.0132, 44.4380, -2.2431



38.0124, -28.3813, 18.0411



38.0132, 14.7027, -49.2899

Square

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



38.0132, -28.3818, 18.0413



38.0132, -22.3238, -40.9507



38.0132, 34.3035, -26.7904



38.0132, 23.6821, 21.3492

Rectangle

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



38.0124, -28.3813, 18.0411



38.0132, -32.7409, -7.6308



38.0132, 34.3035, -26.7904



38.0132, 43.2279, 9.7388

Sweetspot

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



38.0132, -28.3818, 18.0413



55.0999, -16.8866, 10.5653



41.0610, -16.5646, 23.1397



26.2159, -8.6256, 5.3629



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.



38.0132, -28.3818, 18.0413



49.8019, -40.6692, 26.7635



38.8066, -23.5410, 6.5121



21.1260, -3.3115, 2.3059



38.3873, -32.1611, 21.4459



83.7761, -70.6426, 47.7844

Inverse Universe

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



24.6518, 35.8913, -14.4153



30.2853, 53.8118, -19.5887



23.2617, 30.2692, 5.0690



20.1573, 1.1963, -0.0734



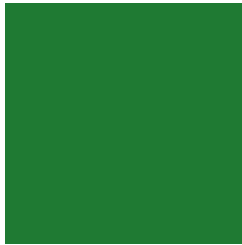
22.8657, 42.9725, -14.7926



49.8088, 93.3890, -30.5265

Previews

White Background



This preview shows how the HunterLab color 38.0124, -28.3813, 18.0411 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 38.0124, -28.3813, 18.0411 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 38.0124, -28.3813, 18.0411 Background



This preview shows how black text looks on a background with the HunterLab color 38.0124, -28.3813, 18.0411.



This preview shows how white text looks on a background with the HunterLab color 38.0124, -28.3813, 18.0411.

-28.3813, 18.0411.

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

38.0124, -28.3813, 18.0411

Protanopia

37.7985, -4.8348, 19.1522

Deuteranopia

37.7755, 2.1517, 17.2393



Tritanopia

38.1542, -13.4377, -6.3568

Trichromacy



Original Color

38.0124, -28.3813, 18.0411

Protanomaly

37.1217, -16.0823, 18.1264

Deuteranomaly

36.7971, -12.6238, 16.6294

Tritanomaly

37.9793, -20.3650, 5.3911

Monochromacy



Original Color

38.0124, -28.3813, 18.0411

Achromatopsia

30.8719, -1.6472, 1.6773

Achromatomaly

32.8665, -13.4815, 8.3290

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 38.0124, -28.3813, 18.0411 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(31, 122, 51)` looks like.

```
.text, #text, p{  
    color:rgb(31, 122, 51)  
}
```

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(31, 122, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 122, 51) }
```

Border

The CSS property to change the border of an element to HunterLab 38.0124, -28.3813, 18.0411 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(31, 122, 51) }
```


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

```
.border{ border-color:rgb(31, 122, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(31, 122, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 122, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 122, 51);  
box-shadow:4px 4px 4px 4px rgb(31, 122,  
51) }
```

Background

The CSS property to change the background color of an element to HunterLab 38.0124, -28.3813, 18.0411 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 122, 51) }
```

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

```
.background{ background-color: rgb(31, 122,  
51) }
```

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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