

Converting Colors

HunterLab(12.0625, -8.9863,
5.4661)

Have a look what the booklet for
HunterLab(12.0625, -8.9863, 5.4661)
contains.

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Color

**HunterLab(12.0046, -8.8772,
5.3611)**

Conversions

Conversions Part 1

Format	Color
Hex	04260D
RGB	4, 38, 13
RGB Percent	2%, 15%, 5%
CMY	0.9843, 0.8510, 0.9490
CMYK	0.89, 0.00, 0.66, 0.85
HSL	136°, 81%, 8%
HSV	136°, 89%, 15%
XYZ	0.8158, 1.4411, 0.6159
YIQ	24.9840, -12.2390, -14.9830

Conversions

Conversions Part 2

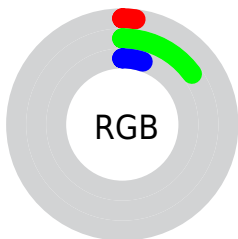
Format	Color
R_{YB}	4, 31, 38
Decimal	271885
CIE _{Lab}	12.23, -19.29, 12.27
CIE _{LCh}	12, 22.864, 147.532
Yxy	1.4412, 0.2840, 0.5016
Android (android.graphics.Color)	4278461965 (0xFF04260D)
YUV	24.9840, -5.9081, -18.4030
Hunter-Lab	12.0046, -8.8772, 5.3611

Details

The HunterLab color **12.0046, -8.8772, 5.3611** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **7.6657, 11.3737, -4.0678**, and the grayscale version is **9.8750, -0.5269, 0.5365**.

A 20% lighter version of the original color is **26.6927, -12.7834, 7.9137**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **11.8741, -9.4816, 5.6873**, and if you desaturate by 10%, it is **12.1385, -8.2607, 4.9796**.

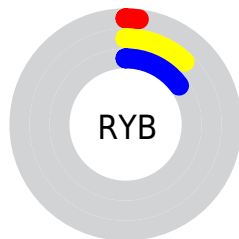
Distribution



Red (2%)

Green (15%)

Blue (5%)



Red (2%)

Yellow (12%)

Blue (15%)

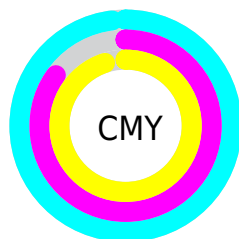


Cyan (89%)

Magenta (0%)

Yellow (66%)

Black (85%)



Cyan (98%)

Magenta (85%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.0046, -8.8772, 5.3611 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 12.0046, -8.8772, 5.3611 by changing the saturation by 10% instead.

■ 12.0046, -8.8772,
5.3611

■ 12.0046, -8.8772,
5.3611

■ 102.8961,
-24.5791, 16.8920

■ 4.9676, -8.6932,
3.4773

■ 26.8087, -12.9549,
8.0475

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 35.5649, -14.7701,
9.3692

0.0000, NaN, NaN

■ 45.1094, -16.5029,
10.6527

0.0000, NaN, NaN

■ 55.3815, -18.1787,
11.9138

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 66.3331, -19.8143,
13.1624

0.0000, NaN, NaN

■ 77.9243, -21.4211,

0.0000, NaN, NaN

14.4053

■ 90.1215, -23.0073,
15.6474

■ 12.0046, -8.8772,
5.3611

■ 12.0046, -8.8772,
5.3611

■ 11.8741, -9.4816,
5.6873

■ 12.1385, -8.2607,
4.9796

■ 11.8673, -9.5130,
5.7028

■ 12.2769, -7.6241,
4.5442

■ 12.4371, -6.9008,
4.0712

■ 12.6232, -6.0784,
3.5675

■ 12.8353, -5.1615,
3.0369

■ 13.0734, -4.1559,
2.4834

■ 13.3371, -3.0683,
1.9110

■ 13.6260, -1.9061,
1.3235

■ 13.9395, -0.6767,
0.7247

Harmonies

Analogous

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



12.0048, -5.5008, 8.1237



12.0046, -8.8772, 5.3611



12.0048, -10.1669, 1.1143

Triad

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



12.0048, -8.8773, 5.3612



12.0048, -1.1316, -16.1809



12.0048, 11.3307, 4.7724

Complementary

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



12.0046, -8.8772, 5.3611



7.6657, 11.3737, -4.0678

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.



12.0048, 13.1178, 0.1736



12.0046, -8.8772, 5.3611



12.0048, 5.1404, -13.6263

Square

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



12.0048, -8.8773, 5.3612



12.0048, -6.2039, -12.6961



12.0048, 10.6625, -6.8126



12.0048, 6.1650, 7.7838

Rectangle

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



12.0046, -8.8772, 5.3611



12.0048, -9.7890, -3.1243



12.0048, 10.6625, -6.8126



12.0048, 12.3857, 3.5000

Sweetspot

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



12.0048, -8.8773, 5.3612



16.3097, -5.0709, 3.0366



12.8981, -5.4662, 7.3241



9.4229, -2.8969, 1.7367



56.4399, -3.0115, 3.0665



10.0114, -0.5342, 0.5439

Same Dimension

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



12.0048, -8.8773, 5.3612



14.7632, -11.9675, 7.3818



12.2609, -7.3171, 1.6478



7.5996, -0.9380, 0.6755



24.5578, -20.2383, 12.9937



67.7711, -56.6427, 37.5673

Inverse Universe

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



7.6657, 11.3737, -4.0678



8.7434, 16.4039, -5.4401



7.2574, 9.7365, 1.6680



7.3575, 0.1542, 0.1370



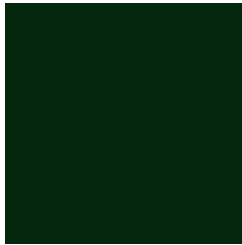
14.4989, 27.0797, -8.0721



39.8679, 74.1055, -19.4358

Previews

White Background



This preview shows how the HunterLab color 12.0046, -8.8772, 5.3611 looks on a white background.

Color Contrast Check

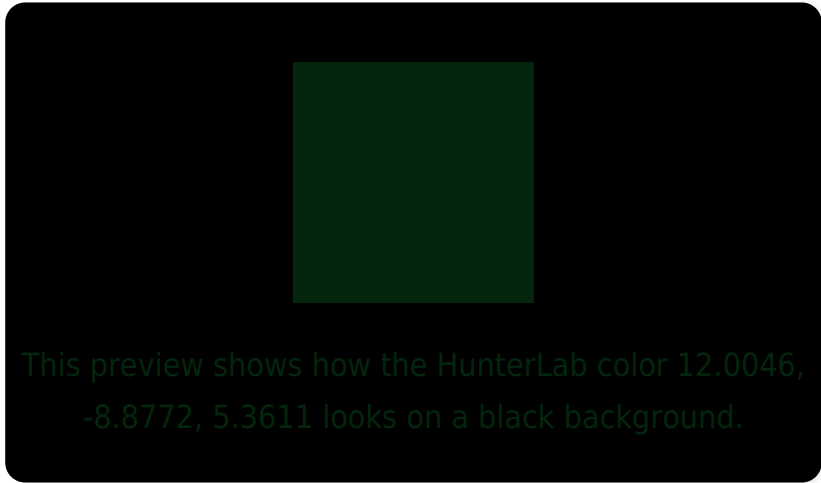
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

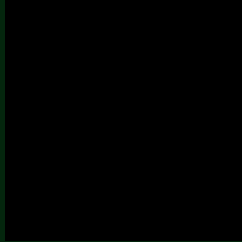
Any Text WCAG AA × Fail

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 12.0046, -8.8772, 5.3611 Background



This preview shows how black text looks on a background with the HunterLab color 12.0046, -8.8772, 5.3611.



This preview shows how white text looks on a background with the HunterLab color 12.0046, -8.8772,

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

12.0046, -8.8772, 5.3611

Protanopia

12.2038, -1.7896, 5.7987

Deuteranopia

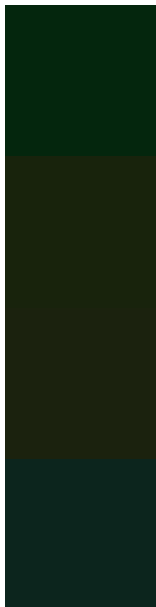
12.1061, 0.2129, 5.2501



Tritanopia

12.2957, -4.1780, -1.3388

Trichromacy



Original Color

12.0046, -8.8772, 5.3611

Protanomaly

11.9281, -5.2499, 5.5292

Deuteranomaly

11.8692, -4.1788, 5.1652

Tritanomaly

12.2066, -6.2271, 1.7666

Monochromacy



Original Color

12.0046, -8.8772, 5.3611

Achromatopsia

9.8596, -0.5261, 0.5357

Achromatomaly

10.4970, -4.2420, 2.3866

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.0046, -8.8772, 5.3611 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(4, 38, 13)` looks like.

```
.text, #text, p{  
    color:rgb(4, 38, 13)  
}
```

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(4, 38, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(4, 38, 13) }
```

Border

The CSS property to change the border of an element to HunterLab 12.0046, -8.8772, 5.3611 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(4, 38, 13) }
```


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

```
.border{ border-color:rgb(4, 38, 13) }
```

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

Here you see how a box with a 4 pixel `rgb(4, 38, 13)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(4, 38, 13); -webkit-box-shadow:4px  
4px 4px 4px rgb(4, 38, 13); box-shadow:4px  
4px 4px 4px rgb(4, 38, 13) }
```

Background

The CSS property to change the background color of an element to HunterLab 12.0046, -8.8772, 5.3611 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(4, 38, 13) }
```

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

```
.background{ background-color: rgb(4, 38,  
13) }
```

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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