

Converting Colors

HunterLab(17.9910, -14.4118,
12.5937)

Have a look what the booklet for
HunterLab(17.9910, -14.4118,
12.5937) contains.

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Color

**HunterLab(18.0459,
-13.6429, 10.8809)**

Conversions

Conversions Part 1

Format	Color
Hex	123B00
RGB	18, 59, 0
RGB Percent	7%, 23%, 0%
CMY	0.9294, 0.7686, 1.0000
CMYK	0.69, 0.00, 1.00, 0.77
HSL	102°, 100%, 12%
HSV	102°, 100%, 23%
XYZ	1.8134, 3.2565, 0.5330
YIQ	40.0150, -5.4970, -27.0410

Conversions

Conversions Part 2

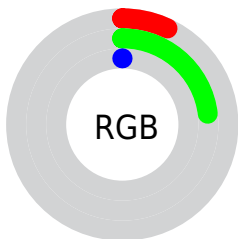
Format	Color
RYB	0, 59, 41
Decimal	1194752
CIELab	21.04, -26.06, 28.66
CIELCh	21, 38.738, 132.287
Yxy	3.2567, 0.3237, 0.5812
Android (android.graphics.Color)	4279384832 (0xFF123B00)
YUV	40.0150, -19.7274, -19.3072
Hunter-Lab	18.0459, -13.6429, 10.8809

Details

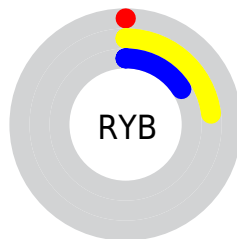
The HunterLab color **18.0459, -13.6429, 10.8809** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **8.8732, 18.7529, -21.8531**, and the grayscale version is **14.6351, -0.7809, 0.7952**.

A 20% lighter version of the original color is **34.5165, -18.5902, 16.3240**, and **3.8982, -3.3427, 2.3435** is the 20% darker color. If you saturate the color by 10%, you get **18.0462, -13.6435, 10.8811**, and if you desaturate by 10%, it is **18.2009, -12.9289, 10.4368**.

Distribution



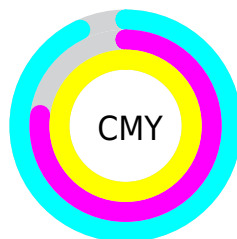
- Red (7%)
- Green (23%)
- Blue (0%)



- Red (0%)
- Yellow (23%)
- Blue (16%)



- Cyan (69%)
- Magenta (0%)
- Yellow (100%)
- Black (77%)



- Cyan (93%)
- Magenta (77%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.0459, -13.6429, 10.8809 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 18.0459, -13.6429, 10.8809 by changing the saturation by 10% instead.

18.0459, -13.6429,
10.8809

18.0459, -13.6429,
10.8809

114.6156,
-32.5880, 31.6465

11.2568, -11.3621,
7.8798

34.4847, -18.5453,
16.2177

3.3995, -5.9491,
2.3796

43.9392, -20.7534,
18.6907

0.0000, NaN, NaN

0.0000, NaN, NaN

54.1278, -22.8615,
21.0339

0.0000, NaN, NaN

65.0011, -24.8958,
23.2788

0.0000, NaN, NaN

76.5183, -26.8742,
25.4480

0.0000, NaN, NaN

0.0000, NaN, NaN

88.6453, -28.8097,

27.5579

0.0000, NaN, NaN

■ 101.3529,
-30.7119, 29.6209

■ 18.0459, -13.6429,
10.8809

■ 18.0459, -13.6429,
10.8809

■ 18.0462, -13.6435,
10.8811

■ 18.2009, -12.9289,
10.4368

■ 18.3750, -12.1415,
10.0080

■ 18.5778, -11.2285,
9.4651

■ 18.8131, -10.1725,
8.7588

■ 19.0813, -8.9762,
7.8867

■ 19.3826, -7.6448,
6.8491

■ 19.7170, -6.1847,
5.6492

■ 20.0840, -4.6039,
4.2922

■ 20.4831, -2.9110,
2.7850

Harmonies

Analogous

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



18.0463, -5.4655, 12.6324



18.0459, -13.6429, 10.8809



18.0463, -17.6635, 6.3148

Triad

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



18.0463, -13.6432, 10.8810



18.0463, -7.2556, -33.1249



18.0463, 26.3790, 4.9363

Complementary

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



18.0459, -13.6429, 10.8809



8.8732, 18.7529, -21.8531

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.



18.0463, 25.5475, -6.7305



18.0459, -13.6429, 10.8809



18.0463, 4.0275, -34.4299

Square

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



18.0463, -13.6432, 10.8810



18.0463, -14.6674, -19.8933



18.0463, 16.6106, -22.7885



18.0463, 18.6572, 10.2854

Rectangle

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



18.0459, -13.6429, 10.8809



18.0463, -18.2686, 0.1157



18.0463, 16.6106, -22.7885



18.0463, 27.1362, 1.8080

Sweetspot

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



18.0463, -13.6432, 10.8810



25.4521, -8.2740, 7.5372



15.7130, 1.7349, 9.7124



13.1408, -4.4038, 4.0021



61.6487, -3.2894, 3.3495



14.0024, -0.7471, 0.7608

Same Dimension

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



18.0463, -13.6432, 10.8810



23.2899, -17.9169, 14.0375



17.7534, -14.7459, 9.6423



11.3775, -1.4654, 1.4093



28.8545, -22.4445, 17.3871



73.0617, -58.3686, 43.9985

Inverse Universe

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



8.8732, 18.7529, -21.8531



11.3584, 24.1069, -28.7479



10.6997, 20.3310, -8.6572



10.8477, 0.3061, -0.2455



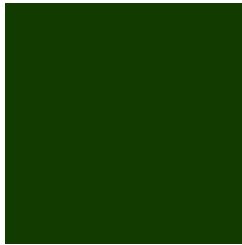
13.9921, 29.7825, -36.0791



34.8614, 74.8059, -94.5630

Previews

White Background



This preview shows how the HunterLab color 18.0459, -13.6429, 10.8809 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

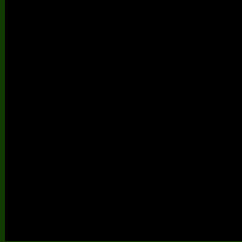
Any Text WCAG AA × Fail

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 18.0459, -13.6429, 10.8809 Background



This preview shows how black text looks on a background with the HunterLab color 18.0459, -13.6429, 10.8809.



This preview shows how white text looks on a background with the HunterLab color 18.0459,

-13.6429, 10.8809.

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

18.0459, -13.6429, 10.8809

Protanopia

17.9931, -3.0045, 11.0347

Deuteranopia

17.9804, 0.7385, 9.8368



Tritanopia

18.2323, -5.5605, -2.3181

Trichromacy



Original Color

18.0459, -13.6429, 10.8809

Protanomaly

17.7537, -7.7890, 10.8034

Deuteranomaly

17.5438, -5.8340, 9.9319

Tritanomaly

17.8547, -9.3512, 4.7490

Monochromacy



Original Color

18.0459, -13.6429, 10.8809

Achromatopsia

14.5667, -0.7772, 0.7914

Achromatomaly

15.5251, -6.6155, 5.9384

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 18.0459, -13.6429, 10.8809 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(18, 59, 0)` looks like.

```
.text, #text, p{  
    color:rgb(18, 59, 0)  
}
```

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(18, 59, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 59, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 18.0459, -13.6429, 10.8809 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(18, 59, 0) }
```


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

```
.border{ border-color:rgb(18, 59, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(18, 59, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(18, 59, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(18, 59, 0); box-shadow:4px  
4px 4px 4px rgb(18, 59, 0) }
```

Background

The CSS property to change the background color of an element to HunterLab 18.0459, -13.6429, 10.8809 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 59, 0) }
```

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

```
.background{ background-color: rgb(18, 59,  
0) }
```

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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