

Converting Colors

HunterLab(18.1120, -2.6420,
11.4868)

Have a look what the booklet for
HunterLab(18.1120, -2.6420,
11.4868) contains.

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Color

**HunterLab(18.1589, -2.4117,
11.1472)**

Conversions

Conversions Part 1

Format	Color
Hex	3B3300
RGB	59, 51, 0
RGB Percent	23%, 20%, 0%
CMY	0.7686, 0.8000, 1.0000
CMYK	0.00, 0.14, 1.00, 0.77
HSL	52°, 100%, 12%
HSV	52°, 100%, 23%
XYZ	2.9875, 3.2975, 0.4790
YIQ	47.5780, 21.1390, -14.1650

Conversions

Conversions Part 2

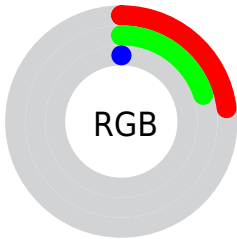
Format	Color
RYB	9, 59, 0
Decimal	3879680
CIELab	21.20, -2.54, 29.70
CIELCh	21, 29.805, 94.894
Yxy	3.2976, 0.4417, 0.4875
Android (android.graphics.Color)	4282069760 (0xFF3B3300)
YUV	47.5780, -23.4560, 10.0171
Hunter-Lab	18.1589, -2.4117, 11.1472

Details

The HunterLab color **18.1589, -2.4117, 11.1472** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **6.9959, 10.1148, -30.5784**, and the grayscale version is **17.1227, -0.9136, 0.9303**.

A 20% lighter version of the original color is **34.6494, -3.4823, 16.6881**, and **3.6090, -3.0947, 2.1697** is the 20% darker color. If you saturate the color by 10%, you get **18.1593, -2.4124, 11.1474**, and if you desaturate by 10%, it is **18.3876, -2.5205, 10.7398**.

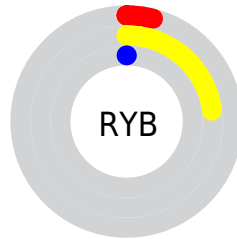
Distribution



Red (23%)

Green (20%)

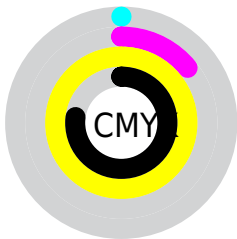
Blue (0%)



Red (4%)

Yellow (23%)

Blue (0%)

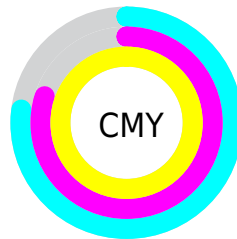


Cyan (0%)

Magenta (14%)

Yellow (100%)

Black (77%)



Cyan (77%)

Magenta (80%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.1589, -2.4117, 11.1472 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 18.1589, -2.4117, 11.1472 by changing the saturation by 10% instead.

■ 18.1589, -2.4117,
11.1472

■ 18.1589, -2.4117,
11.1472

■ 114.8248, -8.8306,
32.4694

■ 11.3535, -1.8327,
7.9474

■ 34.6250, -3.6481,
16.6074

■ 3.6424, -3.2362,
2.5497

■ 44.0912, -4.3076,
19.1564

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 54.2907, -4.9950,
21.5696

0.0000, NaN, NaN

■ 65.1742, -5.7099,
23.8794

0.0000, NaN, NaN

■ 76.7012, -6.4515,
26.1092

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 88.8374, -7.2193,

28.2760

0.0000, NaN, NaN

■ 101.5537, -8.0125,
30.3927

■ 18.1589, -2.4117,
11.1472

■ 18.1589, -2.4117,
11.1472

■ 18.1593, -2.4124,
11.1474

■ 18.3876, -2.5205,
10.7398

■ 18.6169, -2.6285,
10.3381

■ 18.8559, -2.6874,
9.8124

■ 19.1081, -2.6781,
9.1130

■ 19.3739, -2.5982,
8.2350

■ 19.6535, -2.4464,
7.1758

■ 19.9472, -2.2220,
5.9348

■ 20.2550, -1.9250,
4.5128

■ 20.5769, -1.5559,
2.9120

Harmonies

Analogous

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



18.1593, 6.9102, 10.5293



18.1589, -2.4117, 11.1472



18.1593, -9.7903, 9.9490

Triad

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



18.1593, -2.4124, 11.1473



18.1593, -13.0227, -11.0670



18.1593, 17.3537, -7.4036

Complementary

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



18.1589, -2.4117, 11.1472



6.9959, 10.1148, -30.5784

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.



18.1593, 9.9408, -18.1762



18.1589, -2.4117, 11.1472



18.1593, -7.7000, -20.9129

Square

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



18.1593, -2.4124, 11.1473



18.1593, -15.1136, -0.4618



18.1593, 0.5191, -23.9998



18.1593, 19.5149, 2.3282

Rectangle

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



18.1589, -2.4117, 11.1472



18.1593, -12.9964, 8.0995



18.1593, 0.5191, -23.9998



18.1593, 15.3316, -11.1467

Sweetspot

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



18.1593, -2.4124, 11.1473



25.7595, -2.9211, 7.9158



9.7428, 16.8831, 4.7523



13.3037, -1.5316, 4.2019



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.



18.1593, -2.4124, 11.1473



23.3851, -2.9406, 14.3583



18.8326, -10.4342, 11.4218



11.4225, -0.8273, 1.4702



28.9251, -3.4948, 17.7623



72.8744, -7.8057, 44.7682

Inverse Universe

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



6.9959, 10.1148, -30.5784



8.6829, 14.2955, -41.7127



6.8661, 16.3560, -31.2119



10.7965, -0.3325, -0.3211



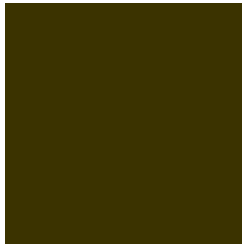
10.4736, 18.7800, -53.6317



24.8962, 54.1620, -148.0382

Previews

White Background



This preview shows how the HunterLab color 18.1589, -2.4117, 11.1472 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

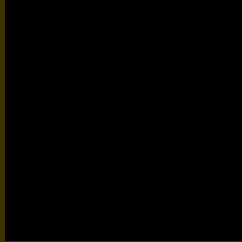
Any Text WCAG AA × Fail

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 18.1589, -2.4117, 11.1472 Background



This preview shows how black text looks on a background with the HunterLab color 18.1589, -2.4117, 11.1472.



This preview shows how white text looks on a background with the HunterLab color 18.1589, -2.4117, 11.1472.

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

18.1589, -2.4117, 11.1472

Protanopia

18.0814, -2.6758, 11.0007

Deuteranopia

18.2581, 0.4197, 10.6984



Tritanopia

18.1554, 3.6290, 1.0227

Trichromacy



Original Color

18.1589, -2.4117, 11.1472

Protanomaly

18.0814, -2.6758, 11.0007

Deuteranomaly

18.2941, -0.6703, 10.8887

Tritanomaly

17.9173, 0.9443, 6.5352

Monochromacy



Original Color

18.1589, -2.4117, 11.1472

Achromatopsia

17.1921, -0.9173, 0.9341

Achromatomaly

17.3943, -2.0984, 6.2629

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 18.1589, -2.4117, 11.1472 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(59, 51, 0)` looks like.

```
.text, #text, p{  
    color:rgb(59, 51, 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(59, 51, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 51, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 18.1589, -2.4117, 11.1472 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(59, 51, 0) }
```


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

```
.border{ border-color:rgb(59, 51, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 51, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 51, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(59, 51, 0); box-shadow:4px  
4px 4px 4px rgb(59, 51, 0) }
```

Background

The CSS property to change the background color of an element to HunterLab 18.1589, -2.4117, 11.1472 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 51, 0) }
```

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

```
.background{ background-color: rgb(59, 51,  
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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