

Converting Colors

HunterLab(11.6588, -3.5257,
1.8944)

Have a look what the booklet for
HunterLab(11.6588, -3.5257, 1.8944)
contains.

HunterLab(11.6147, -3.4966, 1.8025)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(11.6147, -3.4966,
1.8025)**

Conversions

Conversions Part 1

Format	Color
Hex	17211B
RGB	23, 33, 27
RGB Percent	9%, 13%, 11%
CMY	0.9098, 0.8706, 0.8941
CMYK	0.30, 0.00, 0.18, 0.87
HSL	144°, 18%, 11%
HSV	144°, 30%, 13%
XYZ	1.0950, 1.3490, 1.2396
YIQ	29.3260, -4.0340, -3.9860

Conversions

Conversions Part 2

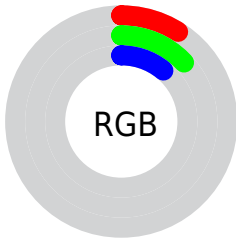
Format	Color
RYB	23, 30, 33
Decimal	1515803
CIELab	11.61, -6.10, 2.62
CIELCh	12, 6.637, 156.762
Yxy	1.3491, 0.2973, 0.3662
Android (android.graphics.Color)	4279705883 (0xFF17211B)
YUV	29.3260, -1.1467, -5.5479
Hunter-Lab	11.6147, -3.4966, 1.8025

Details

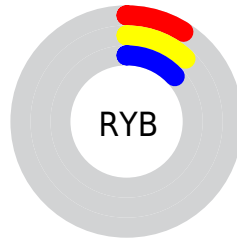
The HunterLab color **11.6147, -3.4966, 1.8025** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **10.1236, 2.6562, -0.5235**, and the grayscale version is **11.1899, -0.5971, 0.6080**.

A 20% lighter version of the original color is **26.2835, -5.2063, 3.0338**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **11.4177, -4.3161, 2.1782**, and if you desaturate by 10%, it is **11.8321, -2.6158, 1.4266**.

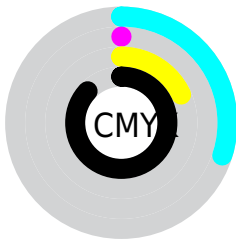
Distribution



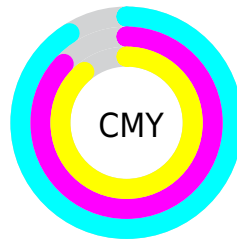
- Red (9%)
- Green (13%)
- Blue (11%)



- Red (9%)
- Yellow (12%)
- Blue (13%)



- Cyan (30%)
- Magenta (0%)
- Yellow (18%)
- Black (87%)



- Cyan (91%)
- Magenta (87%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 11.6147, -3.4966, 1.8025 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 11.6147, -3.4966, 1.8025 by changing the saturation by 10% instead.

■ 11.6147, -3.4966,
1.8025

■ 11.6147, -3.4966,
1.8025

■ 102.0949,
-11.6292, 8.0778

■ 4.2276, -6.5118,
2.7977

■ 26.2979, -5.2650,
3.0048

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 35.0034, -6.1382,
3.6457

0.0000, NaN, NaN

■ 44.5012, -7.0180,
4.3151

0.0000, NaN, NaN

■ 54.7302, -7.9093,
5.0130

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 65.6412, -8.8146,
5.7388

0.0000, NaN, NaN

■ 77.1941, -9.7358,

0.0000, NaN, NaN

6.4920

■ 89.3550, -10.6738,
7.2719

■ 11.6147, -3.4966,
1.8025

■ 11.6147, -3.4966,
1.8025

■ 11.4177, -4.3161,
2.1782

■ 11.8321, -2.6158,
1.4266

■ 11.2406, -5.0690,
2.5508

■ 12.0687, -1.6780,
1.0522

■ 11.0836, -5.7513,
2.9181

■ 12.3245, -0.6889,
0.6813

■ 10.9467, -6.3598,
3.2776

■ 12.5990, 0.3464,
0.3155

■ 10.8190, -6.9351,
3.6164

■ 12.8915, 1.4226,
-0.0438

■ 10.6923, -7.5093,
3.9261

■ 13.2014, 2.5348,
-0.3953

■ 10.5705, -8.0653,
4.1984

■ 13.5281, 3.6783,
-0.7383

■ 13.8709, 4.8489,
-1.0720

■ 14.2291, 6.0425,
-1.3960

Harmonies

Analogous

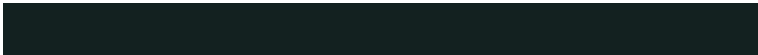
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



11.6149, -2.5281, 2.8743



11.6147, -3.4966, 1.8025



11.6149, -3.7159, 0.2569

Triad

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



11.6149, -3.4968, 1.8026



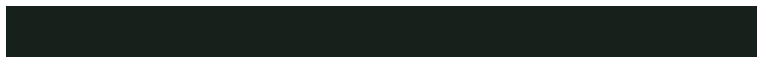
11.6149, -0.2297, -2.9327



11.6149, 2.1402, 2.3568

Complementary

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



11.6147, -3.4966, 1.8025



10.1236, 2.6562, -0.5235

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.



11.6149, 2.8377, 0.9954



11.6147, -3.4966, 1.8025



11.6149, 1.4191, -2.1709

Square

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



11.6149, -3.4968, 1.8026



11.6149, -1.8926, -2.6340



11.6149, 2.5665, -0.6743



11.6149, 0.7090, 3.1603

Rectangle

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



11.6147, -3.4966, 1.8025



11.6149, -3.4196, -0.8703



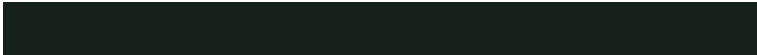
11.6149, 2.5665, -0.6743



11.6149, 2.4719, 1.9575

Sweetspot

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



11.6149, -3.4968, 1.8026



15.3415, -2.0551, 1.3068



11.8882, -2.6365, 3.2364



9.0543, -1.2158, 0.7724



55.4075, -2.9564, 3.0104



9.2414, -0.4931, 0.5021

Same Dimension

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



11.6149, -3.4968, 1.8026



14.5328, -5.3244, 2.6919



11.7189, -2.9045, 0.3162



6.8882, -0.7939, 0.5364



23.8776, -18.9467, 11.0555



67.1018, -54.2485, 33.2355

Inverse Universe

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



10.1236, 2.6562, -0.5235



12.1402, 4.5708, -1.0305



10.0140, 2.0875, 1.0366



6.6755, 0.0806, 0.2036



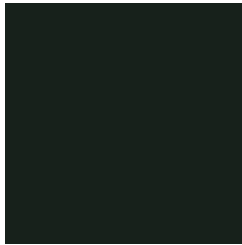
13.6863, 24.9632, -2.9784



38.2808, 69.3540, -4.6969

Previews

White Background



This preview shows how the HunterLab color 11.6147, -3.4966, 1.8025 looks on a white background.

Color Contrast Check

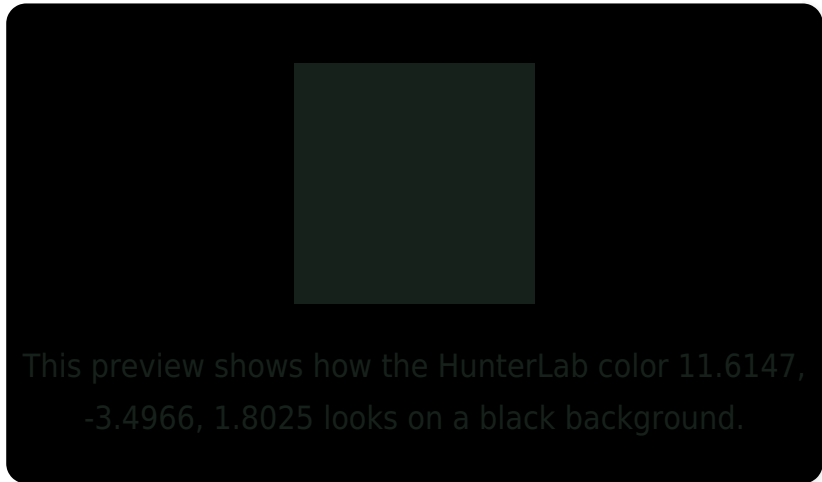
Large Text (above 18pt) WCAG AA ✓ Pass

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

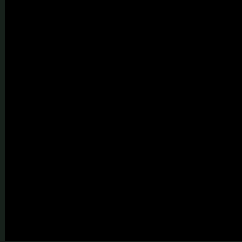
Any Text WCAG AA × Fail

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 11.6147, -3.4966, 1.8025 Background



This preview shows how black text looks on a background with the HunterLab color 11.6147, -3.4966, 1.8025.

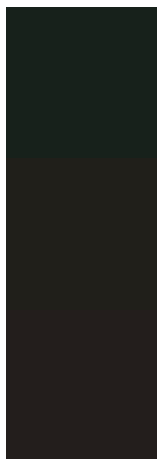


This preview shows how white text looks on a background with the HunterLab color 11.6147, -3.4966,

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

11.6147, -3.4966, 1.8025

Protanopia

11.6689, -0.9611, 2.2079

Deuteranopia

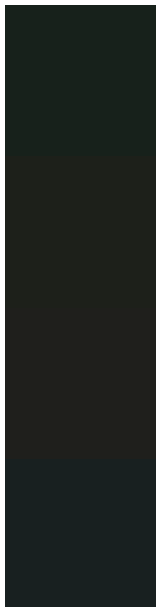
11.7035, 0.3684, 1.6525



Tritanopia

11.6664, -1.7377, -0.9228

Trichromacy



Original Color

11.6147, -3.4966, 1.8025

Protanomaly

11.6996, -2.0187, 2.2214

Deuteranomaly

11.6410, -0.9796, 1.5605

Tritanomaly

11.5391, -2.3433, 0.0479

Monochromacy



Original Color

11.6147, -3.4966, 1.8025

Achromatopsia

11.0844, -0.5914, 0.6022

Achromatomaly

11.1597, -1.5213, 1.0132

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 11.6147, -3.4966, 1.8025 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(23, 33, 27)` looks like.

```
.text, #text, p{  
    color:rgb(23, 33, 27)  
}
```

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(23, 33, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(23, 33, 27) }
```

Border

The CSS property to change the border of an element to HunterLab 11.6147, -3.4966, 1.8025 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(23, 33, 27) }
```


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

```
.border{ border-color:rgb(23, 33, 27) }
```

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

Here you see how a box with a 4 pixel rgb(23, 33, 27) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(23, 33, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(23, 33, 27);  
box-shadow:4px 4px 4px 4px rgb(23, 33, 27)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 11.6147, -3.4966, 1.8025 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(23, 33, 27) }
```

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

```
.background{ background-color: rgb(23, 33,  
27) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor