

Converting Colors

HunterLab(19.3351, -4.5873,
2.5372)

Have a look what the booklet for
HunterLab(19.3351, -4.5873, 2.5372)
contains.

HunterLab(19.3323, -4.6031, 2.5772)	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(19.3323, -4.6031,
2.5772)**

Conversions

Conversions Part 1

Format	Color
Hex	2E3932
RGB	46, 57, 50
RGB Percent	18%, 22%, 20%
CMY	0.8196, 0.7765, 0.8039
CMYK	0.19, 0.00, 0.12, 0.78
HSL	142°, 11%, 20%
HSV	142°, 19%, 22%
XYZ	3.1656, 3.7374, 3.5722
YIQ	52.9130, -4.3090, -4.5090

Conversions

Conversions Part 2

Format	Color
RYB	46, 54, 57
Decimal	3029298
CIELab	22.78, -6.30, 2.84
CIElCh	23, 6.913, 155.716
Yxy	3.7375, 0.3022, 0.3568
Android (android.graphics.Color)	4281219378 (0xFF2E3932)
YUV	52.9130, -1.4361, -6.0627
Hunter-Lab	19.3323, -4.6031, 2.5772

Details

The HunterLab color **19.3323, -4.6031, 2.5772** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **17.5527, 2.9135, -0.5107**, and the grayscale version is **18.8450, -1.0055, 1.0239**.

A 20% lighter version of the original color is **36.0839, -6.3809, 3.9398**, and **5.6626, -4.4412, 2.5095** is the 20% darker color. If you saturate the color by 10%, you get **18.9308, -6.2512, 3.3391**, and if you desaturate by 10%, it is **19.7772, -2.8299, 1.8112**.

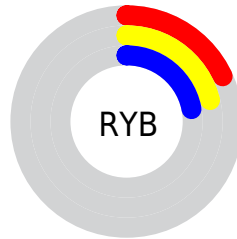
Distribution



Red (18%)

Green (22%)

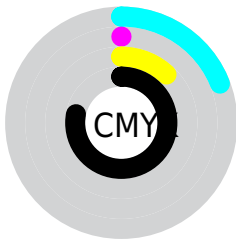
Blue (20%)



Red (18%)

Yellow (21%)

Blue (22%)

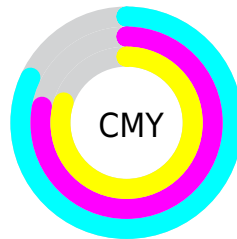


Cyan (19%)

Magenta (0%)

Yellow (12%)

Black (78%)



Cyan (82%)

Magenta (78%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 19.3323, -4.6031, 2.5772 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 19.3323, -4.6031, 2.5772 by changing the saturation by 10% instead.

■ 19.3323, -4.6031,
2.5772

■ 19.3323, -4.6031,
2.5772

■ 116.9785,
-12.9301, 9.2312

■ 12.3606, -3.6959,
1.9671

■ 36.0747, -6.3804,
3.8690

■ 5.5517, -5.2423,
2.4249

■ 45.6609, -7.2739,
4.5550

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 55.9719, -8.1782,
5.2683

0.0000, NaN, NaN

■ 66.9600, -9.0962,
6.0088

0.0000, NaN, NaN

■ 78.5856, -10.0294,
6.7760

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 90.8157, -10.9791,

103.6216,
-11.9458, 8.3877

■ 19.3323, -4.6031,
2.5772

■ 19.3323, -4.6031,
2.5772

■ 18.9308, -6.2512,
3.3391

■ 19.7772, -2.8299,
1.8112

■ 18.5723, -7.7605,
4.0900

■ 20.2634, -0.9438,
1.0455

■ 18.2576, -9.1199,
4.8240

■ 20.7898, 1.0416,
0.2851

■ 17.9867, -10.3201,
5.5343

■ 21.3549, 3.1131,
-0.4660

■ 17.7588, -11.3547,
6.2144

■ 21.9573, 5.2586,
-1.2048

■ 17.5730, -12.2204,
6.8577

■ 22.5953, 7.4669,
-1.9286

■ 17.4191, -12.9521,
7.4513

■ 23.2670, 9.7277,
-2.6356

■ 17.2715, -13.6543,
7.9713

■ 23.9709, 12.0319,
-3.3245

■ 17.2613, -13.7026,
8.0050

■ 24.7052, 14.3718,
-3.9944

Harmonies

Analogous

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



19.3327, -3.3510, 3.9386



19.3323, -4.6031, 2.5772



19.3327, -4.9170, 0.6628

Triad

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



19.3327, -4.6035, 2.5775



19.3327, -0.6256, -3.2089



19.3327, 2.3832, 3.1783

Complementary

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



19.3323, -4.6031, 2.5772



17.5527, 2.9135, -0.5107

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.



19.3327, 3.1850, 1.4339



19.3323, -4.6031, 2.5772



19.3327, 1.4006, -2.3615

Square

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



19.3327, -4.6035, 2.5775



19.3327, -2.6777, -2.8188



19.3327, 2.8179, -0.6082



19.3327, 0.6694, 4.2585

Rectangle

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



19.3323, -4.6031, 2.5772



19.3327, -4.5636, -0.7037



19.3327, 2.8179, -0.6082



19.3327, 2.7716, 2.6577

Sweetspot

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



19.3327, -4.6035, 2.5775



25.7517, -2.9378, 2.0426



19.7095, -3.4050, 4.3096



13.7856, -1.5857, 1.0989



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.



19.3327, -4.6035, 2.5775



24.7373, -6.9932, 3.8050



19.4588, -3.8917, 0.7744



10.5757, -1.4124, 0.9256



27.8058, -22.4062, 13.6137



71.6904, -58.6094, 36.9141

Inverse Universe

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



17.5527, 2.9135, -0.5107



21.8834, 5.0714, -1.1424



17.4197, 2.2113, 1.3832



10.1619, 0.3327, 0.2070



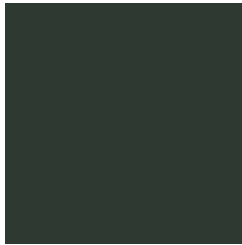
16.0462, 29.4101, -4.5964



41.2154, 75.1451, -8.7348

Previews

White Background



This preview shows how the HunterLab color 19.3323, -4.6031, 2.5772 looks on a white background.

Color Contrast Check

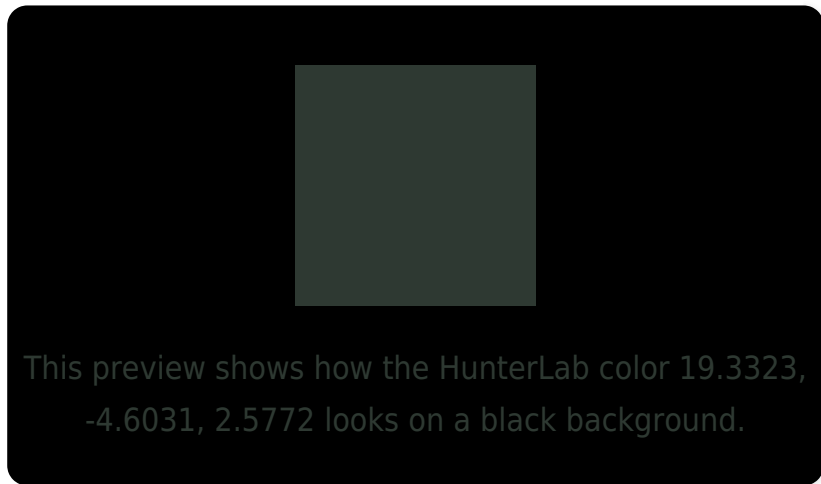
Large Text (above 18pt) WCAG AA ✓ Pass

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

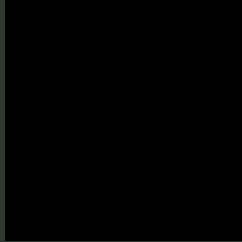
Any Text WCAG AA × Fail

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 19.3323, -4.6031, 2.5772 Background



This preview shows how black text looks on a background with the HunterLab color 19.3323, -4.6031, 2.5772.



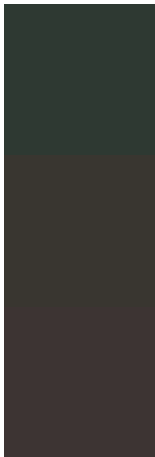
This preview shows how white text looks on a background with the HunterLab color 19.3323, -4.6031,

2.5772.

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

19.3323, -4.6031, 2.5772

Protanopia

19.2914, -1.0049, 3.2756

Deuteranopia

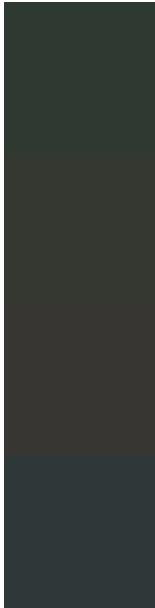
19.2018, 1.2568, 2.1834



Tritanopia

19.4499, -2.3869, -1.0885

Trichromacy



Original Color

19.3323, -4.6031, 2.5772

Protanomaly

19.2640, -2.3117, 2.8868

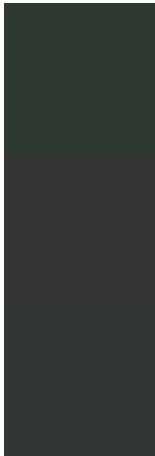
Deuteranomaly

19.2824, -0.9035, 2.2356

Tritanomaly

19.2827, -3.1939, 0.3220

Monochromacy



Original Color

19.3323, -4.6031, 2.5772

Achromatopsia

18.8683, -1.0068, 1.0252

Achromatomaly

18.8796, -2.2700, 1.3911

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 19.3323, -4.6031, 2.5772 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(46, 57, 50)` looks like.

```
.text, #text, p{  
    color:rgb(46, 57, 50)  
}
```

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(46, 57, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 57, 50) }
```

Border

The CSS property to change the border of an element to HunterLab 19.3323, -4.6031, 2.5772 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(46, 57, 50) }
```


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

```
.border{ border-color:rgb(46, 57, 50) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 57, 50)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 57, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 57, 50);  
box-shadow:4px 4px 4px 4px rgb(46, 57, 50)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 19.3323, -4.6031, 2.5772 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 57, 50) }
```

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

```
.background{ background-color: rgb(46, 57,  
50) }
```

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