

Converting Colors

HunterLab(29.4698, -5.4469,
1.0315)

Have a look what the booklet for
HunterLab(29.4698, -5.4469, 1.0315)
contains.

HunterLab(29.4506, -5.4719, 1.1658)	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(29.4506, -5.4719,
1.1658)**

Conversions

Conversions Part 1

Format	Color
Hex	485654
RGB	72, 86, 84
RGB Percent	28%, 34%, 33%
CMY	0.7176, 0.6627, 0.6706
CMYK	0.16, 0.00, 0.02, 0.66
HSL	171°, 9%, 31%
HSV	171°, 16%, 34%
XYZ	7.6005, 8.6734, 9.6610
YIQ	81.5860, -7.7020, -3.5900

Conversions

Conversions Part 2

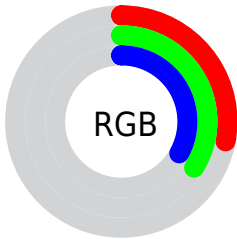
Format	Color
R_{YB}	72, 80, 86
Decimal	4740692
CIE Lab	35.35, -5.91, -0.67
CIE LCh	35, 5.952, 186.492
Yxy	8.6737, 0.2931, 0.3344
Android (android.graphics.Color)	4282930772 (0xFF485654)
YUV	81.5860, 1.1901, -8.4069
Hunter-Lab	29.4506, -5.4719, 1.1658

Details

The HunterLab color **29.4506, -5.4719, 1.1658** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **26.6605, 2.8322, 2.0692**, and the grayscale version is **28.8957, -1.5418, 1.5700**.

A 20% lighter version of the original color is **48.3391, -7.3321, 2.4406**, and **14.0685, -3.8367, 0.5125** is the 20% darker color. If you saturate the color by 10%, you get **28.8910, -7.5820, 0.9702**, and if you desaturate by 10%, it is **30.0785, -3.1675, 1.4433**.

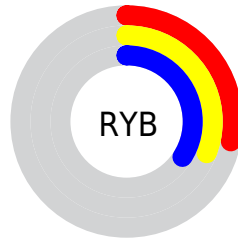
Distribution



Red (28%)

Green (34%)

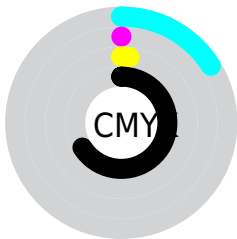
Blue (33%)



Red (28%)

Yellow (31%)

Blue (34%)

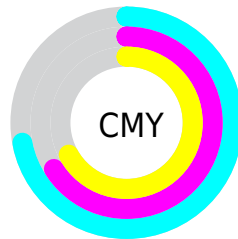


Cyan (16%)

Magenta (0%)

Yellow (2%)

Black (66%)



Cyan (72%)

Magenta (66%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.4506, -5.4719, 1.1658 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 29.4506, -5.4719, 1.1658 by changing the saturation by 10% instead.

■ 29.4506, -5.4719,
1.1658

■ 29.4506, -5.4719,
1.1658

134.5084,
-13.7656, 6.6003

■ 21.2814, -4.6131,
0.7657

■ 48.2380, -7.2078,
2.1119

■ 14.0487, -3.7450,
0.4217

■ 58.7268, -8.0937,
2.6483

■ 7.6948, -3.7601,
0.0563

■ 69.8818, -8.9951,
3.2231

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 81.6654, -9.9133,
3.8338

0.0000, NaN, NaN

■ 94.0457, -10.8491,
4.4785

0.0000, NaN, NaN

106.9951,

0.0000, NaN, NaN

-11.8029, 5.1554

0.0000, NaN, NaN

120.4898,
-12.7751, 5.8631

■ 29.4506, -5.4719,
1.1658

■ 29.4506, -5.4719,
1.1658

■ 28.8910, -7.5820,
0.9702

■ 30.0785, -3.1675,
1.4433

■ 28.3985, -9.4811,
0.8571

■ 30.7718, -0.6842,
1.7985

■ 27.9736, -11.1573,
0.8274

■ 31.5293, 1.9594,
2.2279

■ 27.6154, -12.6022,
0.8801

■ 32.3491, 4.7452,
2.7272

■ 27.3223, -13.8119,
1.0125

■ 33.2288, 7.6555,
3.2916

■ 27.0913, -14.7885,
1.2201

■ 34.1661, 10.6736,
3.9161

■ 26.9185, -15.5408,
1.4964

■ 35.1583, 13.7840,
4.5958

■ 26.7828, -16.1480,
1.8138

■ 36.2029, 16.9727,
5.3258

■ 26.7327, -16.3730,
1.9310

■ 37.2972, 20.2272,
6.1016

Harmonies

Analogous

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



29.4512, -5.1793, 3.0921



29.4506, -5.4719, 1.1658



29.4512, -4.7444, -0.7699

Triad

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



29.4512, -5.4724, 1.1662



29.4512, 0.8630, -1.6496



29.4512, 0.0523, 4.9074

Complementary

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



29.4506, -5.4719, 1.1658



26.6605, 2.8322, 2.0692

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.



29.4512, 1.7385, 3.7938



29.4506, -5.4719, 1.1658



29.4512, 2.2156, 0.0320

Square

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



29.4512, -5.4724, 1.1662



29.4512, -1.1159, -2.4674



29.4512, 2.5405, 2.0334



29.4512, -2.0274, 5.1645

Rectangle

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



29.4506, -5.4719, 1.1658



29.4512, -3.7657, -1.7770



29.4512, 2.5405, 2.0334



29.4512, 0.6857, 4.6248

Sweetspot

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



29.4512, -5.4724, 1.1662



39.8616, -3.8340, 1.9552



29.2978, -6.6155, 5.5300



19.6712, -1.9589, 0.9570



69.0652, -3.6851, 3.7524



19.9203, -1.0629, 1.0823

Same Dimension

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



29.4512, -5.4724, 1.1662



38.5981, -8.4940, 1.4144



28.1951, -3.1112, -1.1953



15.3538, -1.9313, 0.7013



33.6234, -20.6665, 2.5866



79.6292, -49.3617, 7.0283

Inverse Universe

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



26.6605, 2.8322, 2.0692



33.9404, 5.3866, 2.9308



27.8215, 0.4237, 4.0851



14.5737, 0.3862, 0.9520



17.7971, 30.6769, 9.9592



42.0797, 72.3308, 25.1126

Previews

White Background



This preview shows how the HunterLab color 29.4506, -5.4719, 1.1658 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



This preview shows how the HunterLab color 29.4506, -5.4719, 1.1658 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

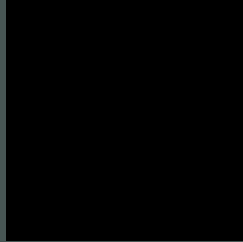
Any Text WCAG AA × Fail

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 29.4506, -5.4719, 1.1658 Background



This preview shows how black text looks on a background with the HunterLab color 29.4506, -5.4719, 1.1658.

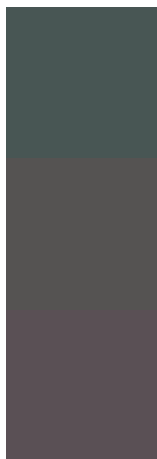


This preview shows how white text looks on a background with the HunterLab color 29.4506, -5.4719, 1.1658.

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

29.4506, -5.4719, 1.1658

Protanopia

29.5415, -1.1681, 2.1617

Deuteranopia

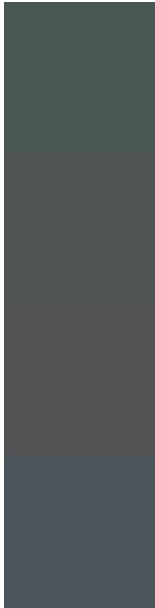
29.2692, 1.9877, 0.6610



Tritanopia

29.4723, -3.5609, -2.2707

Trichromacy



Original Color

29.4506, -5.4719, 1.1658

Protanomaly

29.4460, -2.7929, 1.6177

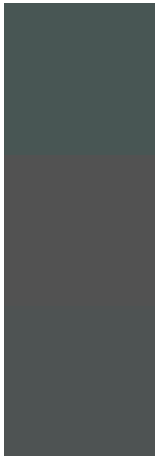
Deuteranomaly

29.2052, -0.8432, 0.5339

Tritanomaly

29.3849, -4.0463, -1.0337

Monochromacy



Original Color

29.4506, -5.4719, 1.1658

Achromatopsia

29.0476, -1.5499, 1.5782

Achromatomaly

29.0357, -2.8830, 1.1306

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.4506, -5.4719, 1.1658 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(72, 86, 84)` looks like.

```
.text, #text, p{  
    color:rgb(72, 86, 84)  
}
```

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(72, 86, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 86, 84) }
```

Border

The CSS property to change the border of an element to HunterLab 29.4506, -5.4719, 1.1658 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(72, 86, 84) }
```


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

```
.border{ border-color:rgb(72, 86, 84) }
```

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

Here you see how a box with a 4 pixel rgb(72, 86, 84) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 86, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 86, 84);  
box-shadow:4px 4px 4px 4px rgb(72, 86, 84)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 29.4506, -5.4719, 1.1658 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 86, 84) }
```

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

```
.background{ background-color: rgb(72, 86,  
84) }
```

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