

Converting Colors

HunterLab(31.0146, -11.5650,
5.9545)

Have a look what the booklet for
HunterLab(31.0146, -11.5650,
5.9545) contains.

HunterLab(31.0116, -11.5525, 5.8346)	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(31.0116,
-11.5525, 5.8346)**

Conversions

Conversions Part 1

Format	Color
Hex	405E4C
RGB	64, 94, 76
RGB Percent	25%, 37%, 30%
CMY	0.7490, 0.6314, 0.7020
CMYK	0.32, 0.00, 0.19, 0.63
HSL	144°, 19%, 31%
HSV	144°, 32%, 37%
XYZ	7.4216, 9.6172, 8.3026
YIQ	82.9780, -12.1020, -11.9580

Conversions

Conversions Part 2

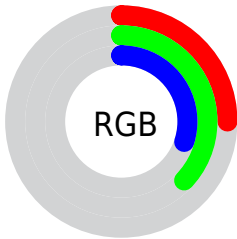
Format	Color
RYB	64, 85, 94
Decimal	4218444
CIELab	37.15, -15.37, 6.82
CIELCh	37, 16.817, 156.068
Yxy	9.6176, 0.2929, 0.3795
Android (android.graphics.Color)	4282408524 (0xFF405E4C)
YUV	82.9780, -3.4402, -16.6437
Hunter-Lab	31.0116, -11.5525, 5.8346

Details

The HunterLab color **31.0116, -11.5525, 5.8346** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **25.7990, 10.0145, -2.2736**, and the grayscale version is **29.4188, -1.5697, 1.5984**.

A 20% lighter version of the original color is **50.2416, -14.6025, 7.8067**, and **15.3513, -8.4208, 4.0343** is the 20% darker color. If you saturate the color by 10%, you get **30.4196, -14.0744, 7.0877**, and if you desaturate by 10%, it is **31.6886, -8.7560, 4.5710**.

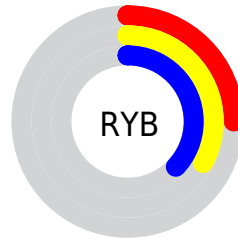
Distribution



Red (25%)

Green (37%)

Blue (30%)



Red (25%)

Yellow (33%)

Blue (37%)

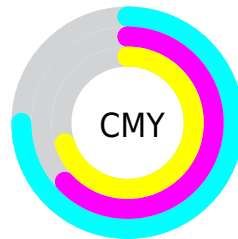


Cyan (32%)

Magenta (0%)

Yellow (19%)

Black (63%)



Cyan (75%)

Magenta (63%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 31.0116, -11.5525, 5.8346 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 31.0116, -11.5525, 5.8346 by changing the saturation by 10% instead.

■ 31.0116, -11.5525,
5.8346

■ 31.0116, -11.5525,
5.8346

■ 137.0841,
-24.2746, 14.5994

■ 22.6851, -9.9877,
4.9056

■ 50.0737, -14.5040,
7.6928

■ 15.2750, -8.3127,
3.9580

■ 60.6854, -15.9288,
8.6343

■ 8.8951, -8.0052,
3.6633

■ 71.9561, -17.3349,
9.5886

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 83.8492, -18.7293,
10.5576

0.0000, NaN, NaN

■ 96.3338, -20.1171,
11.5426

0.0000, NaN, NaN

■ 109.3830,

0.0000, NaN, NaN

-21.5021, 12.5442

0.0000, NaN, NaN

122.9733,
-22.8872, 13.5631

■ 31.0116, -11.5525,
5.8346

■ 31.0116, -11.5525,
5.8346

■ 30.4196, -14.0744,
7.0877

■ 31.6886, -8.7560,
4.5710

■ 29.9109, -16.2993,
8.3164

■ 32.4476, -5.7078,
3.3078

■ 29.4853, -18.2124,
9.5078

■ 33.2872, -2.4354,
2.0556

■ 29.1407, -19.8057,
10.6482

■ 34.2050, 1.0340,
0.8236

■ 28.8733, -21.0800,
11.7249

■ 35.1980, 4.6735,
-0.3811

■ 28.6760, -22.0548,
12.7238

■ 36.2629, 8.4577,
-1.5526

■ 28.5362, -22.7512,
13.4456

■ 37.3964, 12.3632,
-2.6868

■ 38.5949, 16.3691,
-3.7809

■ 39.8549, 20.4569,
-4.8330

Harmonies

Analogous

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



31.0122, -8.1879, 9.3417



31.0116, -11.5525, 5.8346



31.0122, -12.3584, 0.5001

Triad

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



31.0122, -11.5530, 5.8350



31.0122, -0.4220, -11.3953



31.0122, 8.2769, 7.5018

Complementary

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



31.0116, -11.5525, 5.8346



25.7990, 10.0145, -2.2736

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.



31.0122, 10.7279, 2.8308



31.0116, -11.5525, 5.8346



31.0122, 5.4648, -8.6092

Square

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



31.0122, -11.5530, 5.8350



31.0122, -6.2184, -10.1719



31.0122, 9.6616, -3.1246



31.0122, 3.1856, 10.1678

Rectangle

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



31.0116, -11.5525, 5.8346



31.0122, -11.3940, -3.5570



31.0122, 9.6616, -3.1246



31.0122, 9.4540, 6.1518

Sweetspot

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



31.0122, -11.5530, 5.8350



43.1067, -6.8768, 4.1096



31.9255, -8.6145, 10.5133



21.0536, -3.5540, 2.0858



71.2094, -3.7996, 3.8689



21.6712, -1.1563, 1.1774

Same Dimension

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



31.0122, -11.5530, 5.8350



40.4555, -17.7489, 8.9276



31.3728, -9.4753, 0.6732



16.1229, -2.3231, 1.4379



33.5519, -26.8471, 16.0182



78.4085, -63.4852, 39.0425

Inverse Universe

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



25.7990, 10.0145, -2.2736



32.1179, 16.8646, -3.9901



25.4125, 8.0541, 3.2262



15.3891, 0.6950, 0.2900



19.1924, 34.9042, -3.3858



44.7126, 80.9591, -5.1183

Previews

White Background



This preview shows how the HunterLab color 31.0116, -11.5525, 5.8346 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 31.0116, -11.5525, 5.8346 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

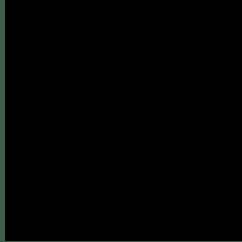
Any Text WCAG AA × Fail

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 31.0116, -11.5525, 5.8346 Background



This preview shows how black text looks on a background with the HunterLab color 31.0116, -11.5525, 5.8346.



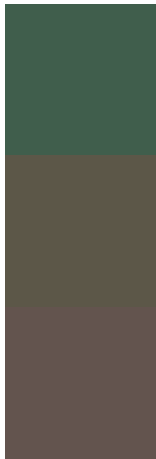
This preview shows how white text looks on a background with the HunterLab color 31.0116,

-11.5525, 5.8346.

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

31.0116, -11.5525, 5.8346

Protanopia

30.9186, -2.1974, 7.2567

Deuteranopia

30.8923, 1.9347, 5.2362



Tritanopia

31.0310, -5.9852, -3.0620

Trichromacy



Original Color

31.0116, -11.5525, 5.8346

Protanomaly

30.9632, -6.1153, 6.9024

Deuteranomaly

30.8119, -3.7107, 5.4106

Tritanomaly

30.9609, -8.1318, 0.4121

Monochromacy



Original Color

31.0116, -11.5525, 5.8346

Achromatopsia

29.4110, -1.5693, 1.5980

Achromatomaly

29.8866, -5.4965, 3.2636

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 31.0116, -11.5525, 5.8346 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(64, 94, 76)` looks like.

```
.text, #text, p{  
    color:rgb(64, 94, 76)  
}
```

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(64, 94, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 94, 76) }
```

Border

The CSS property to change the border of an element to HunterLab 31.0116, -11.5525, 5.8346 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(64, 94, 76) }
```


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

```
.border{ border-color:rgb(64, 94, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 94, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 94, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 94, 76);  
box-shadow:4px 4px 4px 4px rgb(64, 94, 76)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 31.0116, -11.5525, 5.8346 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 94, 76) }
```

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

```
.background{ background-color: rgb(64, 94,  
76) }
```

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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