

Converting Colors

HunterLab(29.6467, -11.8492,
8.5930)

Have a look what the booklet for
HunterLab(29.6467, -11.8492,
8.5930) contains.

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Color

**HunterLab(29.5431,
-11.8035, 8.5600)**

Conversions

Conversions Part 1

Format	Color
Hex	3F5A3F
RGB	63, 90, 63
RGB Percent	25%, 35%, 25%
CMY	0.7529, 0.6471, 0.7529
CMYK	0.30, 0.00, 0.30, 0.65
HSL	120°, 18%, 30%
HSV	120°, 30%, 35%
XYZ	6.6032, 8.7279, 6.0393
YIQ	78.8490, -7.4250, -14.1210

Conversions

Conversions Part 2

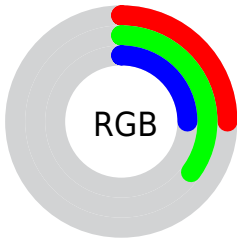
Format	Color
RYB	63, 90, 90
Decimal	4151871
CIELab	35.46, -16.24, 12.44
CIELCh	35, 20.462, 142.547
Yxy	8.7283, 0.3090, 0.4084
Android (android.graphics.Color)	4282341951 (0xFF3F5A3F)
YUV	78.8490, -7.8136, -13.8996
Hunter-Lab	29.5431, -11.8035, 8.5600

Details

The HunterLab color **29.5431, -11.8035, 8.5600** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **25.4303, 10.5251, -6.6984**, and the grayscale version is **27.9372, -1.4907, 1.5179**.

A 20% lighter version of the original color is **48.2528, -14.8857, 10.9937**, and **14.0729, -8.4378, 5.7357** is the 20% darker color. If you saturate the color by 10%, you get **28.9193, -14.5406, 10.4100**, and if you desaturate by 10%, it is **30.2627, -8.7304, 6.4831**.

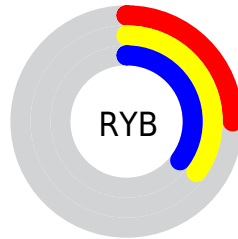
Distribution



Red (25%)

Green (35%)

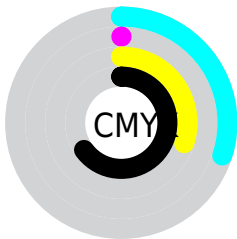
Blue (25%)



Red (25%)

Yellow (35%)

Blue (35%)

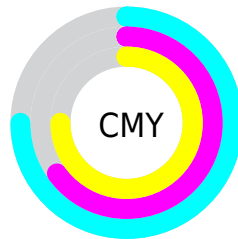


Cyan (30%)

Magenta (0%)

Yellow (30%)

Black (65%)



Cyan (75%)

Magenta (65%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.5431, -11.8035, 8.5600 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 29.5431, -11.8035, 8.5600 by changing the saturation by 10% instead.

■ 29.5431, -11.8035,
8.5600

■ 29.5431, -11.8035,
8.5600

134.6618,
-24.9702, 19.9686

■ 21.3645, -10.1548,
7.1849

■ 48.3470, -14.8878,
11.1656

■ 14.1210, -8.3745,
5.7137

■ 58.8432, -16.3681,
12.4319

■ 7.7717, -9.5228,
5.4402

■ 70.0052, -17.8246,
13.6874

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 81.7954, -19.2656,
14.9384

0.0000, NaN, NaN

■ 94.1819, -20.6969,
16.1893

0.0000, NaN, NaN

■ 107.1373,

0.0000, NaN, NaN

-22.1226, 17.4431

0.0000, NaN, NaN

120.6377,
-23.5462, 18.7023

■ 29.5431, -11.8035,
8.5600

■ 29.5431, -11.8035,
8.5600

■ 28.9193, -14.5406,
10.4100

■ 30.2627, -8.7304,
6.4831

■ 28.3902, -16.9118,
12.0129

■ 31.0743, -5.3526,
4.2008

■ 27.9555, -18.8971,
13.3552

■ 31.9759, -1.7066,
1.7376

■ 27.6130, -20.4864,
14.4298

■ 32.9640, 2.1716,
-0.8818

■ 27.3586, -21.6821,
15.2384

■ 34.0347, 6.2472,
-3.6340

■ 27.1854, -22.5034,
15.7938

■ 35.1839, 10.4879,
-6.4971

■ 27.0419, -23.1884,
16.2570

■ 36.4071, 14.8647,
-9.4513

■ 37.7001, 19.3519,
-12.4793

■ 39.0586, 23.9276,
-15.5664

Harmonies

Analogous

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



29.5437, -6.7114, 11.3844



29.5431, -11.8035, 8.5600



29.5437, -14.1136, 3.2692

Triad

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



29.5437, -11.8041, 8.5603



29.5437, -3.3560, -14.6979



29.5437, 12.3572, 6.2340

Complementary

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



29.5431, -11.8035, 8.5600



25.4303, 10.5251, -6.6984

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.



29.5437, 13.4744, -0.1554



29.5431, -11.8035, 8.5600



29.5437, 3.9319, -13.3606

Square

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



29.5437, -11.8041, 8.5603



29.5437, -9.5497, -10.9035



29.5437, 10.2613, -7.5952



29.5437, 7.3404, 10.2834

Rectangle

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



29.5431, -11.8035, 8.5600



29.5437, -13.9366, -1.4048



29.5437, 10.2613, -7.5952



29.5437, 13.2196, 4.3338

Sweetspot

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



29.5437, -11.8041, 8.5603



41.1809, -6.7485, 5.3324



31.3772, -5.0180, 10.3606



20.1919, -3.5399, 2.7716



70.1359, -3.7423, 3.8106



20.7927, -1.1094, 1.1297

Same Dimension

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



29.5437, -11.8041, 8.5603



38.4712, -18.2534, 13.1072



29.8299, -10.1458, 4.4310



16.0819, -2.5521, 2.0257



33.2814, -28.5387, 20.0081



77.8815, -66.7833, 46.8209

Inverse Universe

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



25.4303, 10.5251, -6.6984



31.8372, 17.8777, -11.5827



25.0152, 8.4291, -0.8614



15.4350, 0.9414, -0.3616



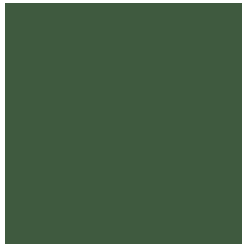
21.0017, 41.2899, -27.6985



49.1459, 96.6221, -64.8169

Previews

White Background



This preview shows how the HunterLab color 29.5431, -11.8035, 8.5600 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 29.5431, -11.8035, 8.5600 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

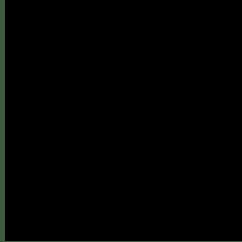
Any Text WCAG AA × Fail

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 29.5431, -11.8035, 8.5600 Background



This preview shows how black text looks on a background with the HunterLab color 29.5431, -11.8035, 8.5600.



This preview shows how white text looks on a background with the HunterLab color 29.5431,

-11.8035, 8.5600.

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

29.5431, -11.8035, 8.5600

Protanopia

29.3881, -2.6638, 9.4375

Deuteranopia

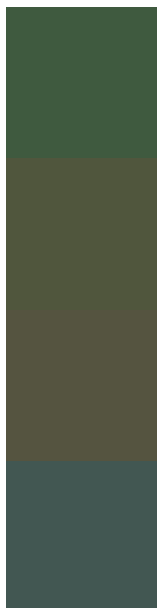
29.4285, 1.5892, 8.0859



Tritanopia

29.4531, -4.9531, -2.7847

Trichromacy



Original Color

29.5431, -11.8035, 8.5600

Protanomaly

29.4923, -6.3494, 9.1864

Deuteranomaly

29.3975, -3.8290, 8.2649

Tritanomaly

29.2982, -7.5400, 1.7671

Monochromacy



Original Color

29.5431, -11.8035, 8.5600

Achromatopsia

27.9620, -1.4920, 1.5192

Achromatomaly

28.4324, -5.5372, 4.2787

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.5431, -11.8035, 8.5600 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(63, 90, 63)` looks like.

```
.text, #text, p{  
    color:rgb(63, 90, 63)  
}
```

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(63, 90, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 90, 63) }
```

Border

The CSS property to change the border of an element to HunterLab 29.5431, -11.8035, 8.5600 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(63, 90, 63) }
```


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

```
.border{ border-color:rgb(63, 90, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 90, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 90, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 90, 63);  
box-shadow:4px 4px 4px 4px rgb(63, 90, 63)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 29.5431, -11.8035, 8.5600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 90, 63) }
```

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

```
.background{ background-color: rgb(63, 90,  
63) }
```

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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