

Converting Colors

HunterLab(30.0136, -12.1726,
8.8143)

Have a look what the booklet for
HunterLab(30.0136, -12.1726,
8.8143) contains.

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Color

**HunterLab(29.9037,
-11.8555, 8.6019)**

Conversions

Conversions Part 1

Format	Color
Hex	405B40
RGB	64, 91, 64
RGB Percent	25%, 36%, 25%
CMY	0.7490, 0.6431, 0.7490
CMYK	0.30, 0.00, 0.30, 0.64
HSL	120°, 17%, 30%
HSV	120°, 30%, 36%
XYZ	6.7808, 8.9423, 6.2191
YIQ	79.8490, -7.4250, -14.1210

Conversions

Conversions Part 2

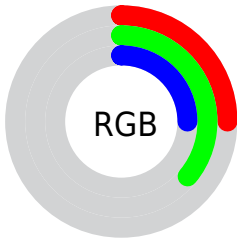
Format	Color
RYB	64, 91, 91
Decimal	4217664
CIELab	35.87, -16.22, 12.41
CIELCh	36, 20.424, 142.569
Yxy	8.9427, 0.3090, 0.4075
Android (android.graphics.Color)	4282407744 (0xFF405B40)
YUV	79.8490, -7.8136, -13.8996
Hunter-Lab	29.9037, -11.8555, 8.6019

Details

The HunterLab color $29.9037, -11.8555, 8.6019$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $25.7807, 10.5260, -6.6927$, and the grayscale version is $28.2983, -1.5099, 1.5375$.

A 20% lighter version of the original color is $48.7138, -14.6770, 11.1029$, and $14.3853, -8.5183, 5.7909$ is the 20% darker color. If you saturate the color by 10%, you get $29.2691, -14.6382, 10.4827$, and if you desaturate by 10%, it is $30.6354, -8.7327, 6.4914$.

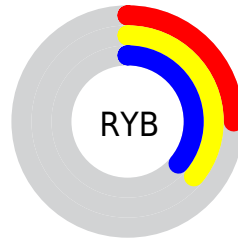
Distribution



Red (25%)

Green (36%)

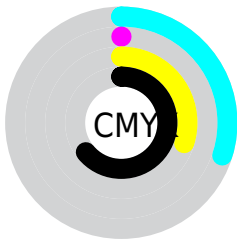
Blue (25%)



Red (25%)

Yellow (36%)

Blue (36%)

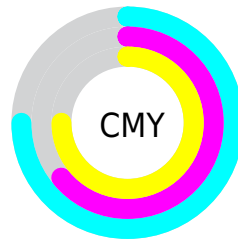


Cyan (30%)

Magenta (0%)

Yellow (30%)

Black (64%)



Cyan (75%)

Magenta (64%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.9037, -11.8555, 8.6019 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 29.9037, -11.8555, 8.6019 by changing the saturation by 10% instead.

■ 29.9037, -11.8555,
8.6019

■ 29.9037, -11.8555,
8.6019

■ 135.2589,
-25.0026, 19.9932

■ 21.6883, -10.2130,
7.2322

■ 48.7717, -14.9320,
11.2007

■ 14.4033, -8.4420,
5.7690

■ 59.2966, -16.4095,
12.4646

■ 8.0639, -9.1947,
5.6447

■ 70.4855, -17.8639,
13.7182

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 82.3012, -19.3031,
14.9676

0.0000, NaN, NaN

■ 94.7120, -20.7328,
16.2170

0.0000, NaN, NaN

■ 107.6907,

0.0000, NaN, NaN

-22.1572, 17.4697

0.0000, NaN, NaN

121.2133,
-23.5796, 18.7278

■ 29.9037, -11.8555,
8.6019

■ 29.9037, -11.8555,
8.6019

■ 29.2691, -14.6382,
10.4827

■ 30.6354, -8.7327,
6.4914

■ 28.7305, -17.0504,
12.1134

■ 31.4605, -5.3020,
4.1733

■ 28.2878, -19.0715,
13.4799

■ 32.3767, -1.6003,
1.6725

■ 27.9387, -20.6910,
14.5749

■ 33.3806, 2.3359,
-0.9860

■ 27.6791, -21.9109,
15.3998

■ 34.4682, 6.4711,
-3.7785

■ 27.5023, -22.7490,
15.9666

■ 35.6352, 10.7728,
-6.6827

■ 27.3589, -23.4335,
16.4295

■ 36.8772, 15.2113,
-9.6786

■ 27.3542, -23.4562,
16.4448

■ 38.1898, 19.7610,
-12.7488

■ 39.5687, 24.3998,
-15.8784

Harmonies

Analogous

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



29.9043, -6.7484, 11.4462



29.9037, -11.8555, 8.6019



29.9043, -14.1725, 3.2882

Triad

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



29.9043, -11.8561, 8.6022



29.9043, -3.3741, -14.6806



29.9043, 12.3544, 6.2719

Complementary

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



29.9037, -11.8555, 8.6019



25.7807, 10.5260, -6.6927

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.



29.9043, 13.4755, -0.1337



29.9037, -11.8555, 8.6019



29.9043, 3.9281, -13.3413

Square

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



29.9043, -11.8561, 8.6022



29.9043, -9.5871, -10.8941



29.9043, 10.2632, -7.5781



29.9043, 7.3309, 10.3407

Rectangle

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



29.9037, -11.8555, 8.6019



29.9043, -13.9932, -1.3958



29.9043, 10.2632, -7.5781



29.9043, 13.2184, 4.3653

Sweetspot

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



29.9043, -11.8561, 8.6022



41.1809, -6.7485, 5.3324



31.7442, -5.0500, 10.4126



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.



29.9043, -11.8561, 8.6022



38.4712, -18.2535, 13.1073



30.1918, -10.1911, 4.4547



16.0819, -2.5521, 2.0257



33.2814, -28.5387, 20.0081



77.8815, -66.7833, 46.8210

Inverse Universe

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



25.7807, 10.5260, -6.6927



31.8372, 17.8777, -11.5828



25.3654, 8.4267, -0.8517



15.4350, 0.9414, -0.3616



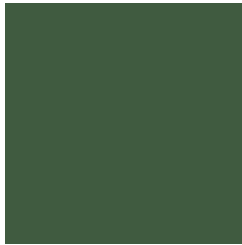
21.0017, 41.2900, -27.6989



49.1460, 96.6224, -64.8179

Previews

White Background



This preview shows how the HunterLab color 29.9037, -11.8555, 8.6019 looks on a white background.

Color Contrast Check

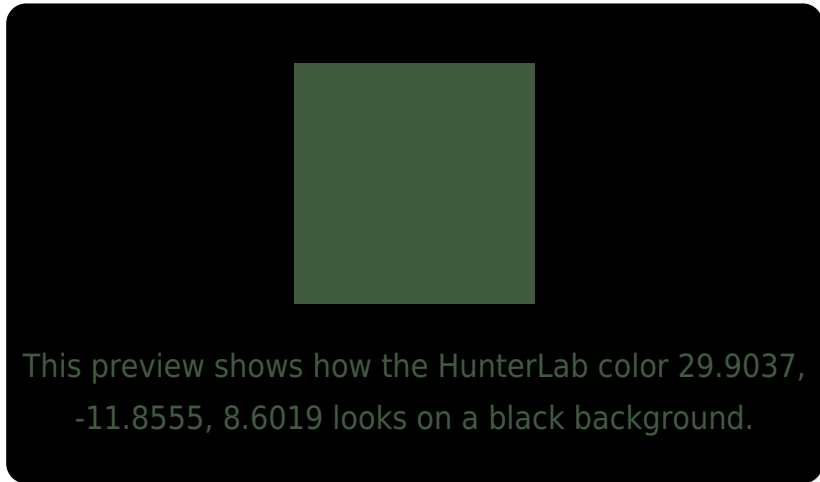
Large Text (above 18pt) WCAG AA ✓ Pass

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

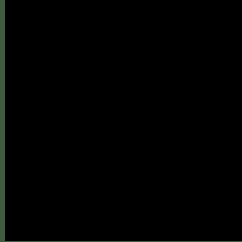
Any Text WCAG AA × Fail

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 29.9037, -11.8555, 8.6019 Background



This preview shows how black text looks on a background with the HunterLab color 29.9037, -11.8555, 8.6019.



This preview shows how white text looks on a background with the HunterLab color 29.9037,

-11.8555, 8.6019.

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

29.9037, -11.8555, 8.6019

Protanopia

29.7510, -2.6915, 9.4870

Deuteranopia

29.7907, 1.5695, 8.1263



Tritanopia

29.8157, -4.9847, -2.7731

Trichromacy



Original Color

29.9037, -11.8555, 8.6019

Protanomaly

29.8555, -6.3836, 9.2345

Deuteranomaly

29.7609, -3.8568, 8.3079

Tritanomaly

29.6602, -7.5768, 1.7850

Monochromacy



Original Color

29.9037, -11.8555, 8.6019

Achromatopsia

28.3231, -1.5113, 1.5388

Achromatomaly

28.7939, -5.5666, 4.3051

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.9037, -11.8555, 8.6019 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, 91, 64)` looks like.

```
.text, #text, p{  
    color:rgb(64, 91, 64)  
}
```

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, 91, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 91, 64) }
```

Border

The CSS property to change the border of an element to HunterLab 29.9037, -11.8555, 8.6019 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, 91, 64) }
```


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

```
.border{ border-color:rgb(64, 91, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 91, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 91, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 91, 64);  
box-shadow:4px 4px 4px 4px rgb(64, 91, 64)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 29.9037, -11.8555, 8.6019 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 91, 64) }
```

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

```
.background{ background-color: rgb(64, 91,  
64) }
```

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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