

Converting Colors

HunterLab(28.8983, -11.8432,
11.8625)

Have a look what the booklet for
HunterLab(28.8983, -11.8432,
11.8625) contains.

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Color

**HunterLab(28.8983,
-11.8432, 11.8625)**

Conversions

Conversions Part 1

Format	Color
Hex	425830
RGB	66, 88, 48
RGB Percent	26%, 35%, 19%
CMY	0.7412, 0.6549, 0.8118
CMYK	0.25, 0.00, 0.45, 0.65
HSL	93°, 29%, 27%
HSV	93°, 45%, 35%
XYZ	6.2700, 8.3511, 4.0778
YIQ	76.8620, -0.2720, -17.1040

Conversions

Conversions Part 2

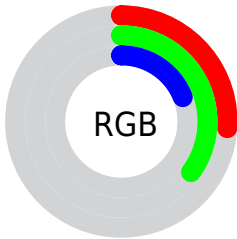
Format	Color
R_{YB}	48, 88, 70
Decimal	4347952
CIE _{Lab}	34.70, -16.52, 20.51
CIE _{LCh}	35, 26.334, 128.859
Yxy	8.3515, 0.3353, 0.4466
Android (android.graphics.Color)	4282538032 (0xFF425830)
YUV	76.8620, -14.2290, -9.5260
Hunter-Lab	28.8983, -11.8432, 11.8625

Details

The HunterLab color $[28.8983, -11.8432, 11.8625]$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $[20.2999, 11.4709, -14.2574]$, and the grayscale version is $[27.2427, -1.4536, 1.4801]$.

A 20% lighter version of the original color is $[47.5899, -14.9269, 15.5752]$, and $[13.5310, -8.2474, 7.9417]$ is the 20% darker color. If you saturate the color by 10%, you get $[28.5041, -13.5999, 13.2970]$, and if you desaturate by 10%, it is $[29.3374, -9.9036, 10.1336]$.

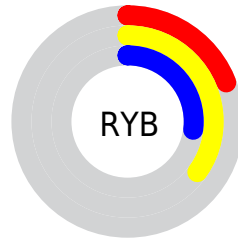
Distribution



Red (26%)

Green (35%)

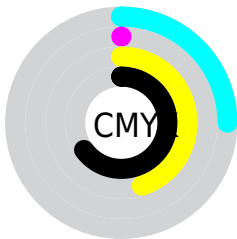
Blue (19%)



Red (19%)

Yellow (35%)

Blue (27%)

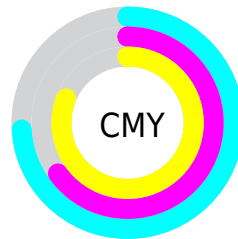


Cyan (25%)

Magenta (0%)

Yellow (45%)

Black (65%)



Cyan (74%)

Magenta (65%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 28.8983, -11.8432, 11.8625 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 28.8983, -11.8432, 11.8625 by changing the saturation by 10% instead.

■ 28.8983, -11.8432,
11.8625

■ 28.8983, -11.8432,
11.8625

133.5902,
-25.1588, 27.3449

■ 20.7862, -10.1645,
9.7920

■ 47.5864, -14.9736,
15.6315

■ 13.6180, -8.3452,
8.0575

■ 58.0309, -16.4726,
17.4007

■ 7.2167, -10.3618,
5.0517

■ 69.1442, -17.9460,
19.1211

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 80.8883, -19.4025,
20.8057

0.0000, NaN, NaN

■ 93.2310, -20.8479,
22.4640

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 106.1446,

-22.2870, 24.1033

0.0000, NaN, NaN

119.6047,
-23.7231, 25.7288

■ 28.8983, -11.8432,
11.8625

■ 28.8983, -11.8432,
11.8625

■ 28.5041, -13.5999,
13.2970

■ 29.3374, -9.9036,
10.1336

■ 28.1524, -15.1664,
14.4382

■ 29.8194, -7.7867,
8.1120

■ 27.8433, -16.5407,
15.2937

■ 30.3446, -5.5023,
5.8043

■ 27.5756, -17.7238,
15.8774

■ 30.9124, -3.0608,
3.2197

■ 27.3433, -18.7457,
16.2716

■ 31.5220, -0.4734,
0.3698

■ 27.2450, -19.1828,
16.4524

■ 32.1725, 2.2482,
-2.7321

■ 32.8628, 5.0924,
-6.0717

■ 33.5916, 8.0478,
-9.6339

■ 34.3577, 11.1034,
-13.4037

Harmonies

Analogous

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



28.8989, -4.2228, 13.7652



28.8983, -11.8432, 11.8625



28.8989, -16.2858, 7.0169

Triad

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



28.8989, -11.8439, 11.8628



28.8989, -7.6618, -18.9838



28.8989, 18.1359, 4.0510

Complementary

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



28.8983, -11.8432, 11.8625



20.2999, 11.4709, -14.2574

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.



28.8989, 16.9143, -5.1921



28.8983, -11.8432, 11.8625



28.8989, 1.2370, -20.5357

Square

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



28.8989, -11.8439, 11.8628



28.8989, -14.0900, -11.1301



28.8989, 10.4381, -14.8757



28.8989, 13.5928, 10.2777

Rectangle

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



28.8983, -11.8432, 11.8625



28.8989, -17.2143, 1.9066



28.8989, 10.4381, -14.8757



28.8989, 18.3967, 1.2354

Sweetspot

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



28.8989, -11.8439, 11.8628



40.1973, -6.9649, 7.3526



25.8240, 1.4550, 9.5176



20.1805, -3.7331, 3.9366



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.



28.8989, -11.8439, 11.8628



37.6248, -18.2814, 17.8118



27.9974, -15.3026, 10.5932



15.3968, -1.9469, 2.0569



33.4205, -23.7900, 20.1771



78.8830, -57.7463, 47.5964

Inverse Universe

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



20.2999, 11.4709, -14.2574



23.7718, 19.6888, -25.2734



22.0471, 16.1609, -9.8093



14.5213, 0.3887, -0.5149



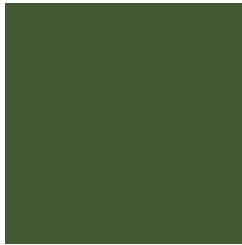
14.1091, 31.7007, -49.3201



32.6270, 74.1874, -120.8743

Previews

White Background



This preview shows how the HunterLab color 28.8983, -11.8432, 11.8625 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 28.8983, -11.8432, 11.8625 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

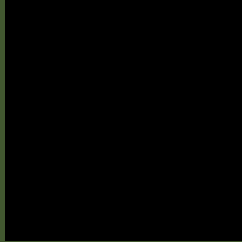
Any Text WCAG AA × Fail

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 28.8983, -11.8432, 11.8625 Background



This preview shows how black text looks on a background with the HunterLab color 28.8983, -11.8432, 11.8625.



This preview shows how white text looks on a background with the HunterLab color 28.8983,

-11.8432, 11.8625.

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

28.8983, -11.8432, 11.8625

Protanopia

28.6461, -3.0512, 12.2483

Deuteranopia

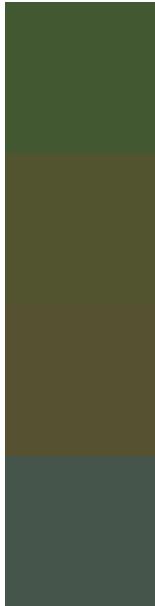
28.7676, 1.3877, 11.5314



Tritanopia

28.8139, -3.2735, -2.2060

Trichromacy



Original Color

28.8983, -11.8432, 11.8625

Protanomaly

28.8014, -6.5435, 12.0966

Deuteranomaly

28.6963, -4.1296, 11.6066

Tritanomaly

28.8220, -6.8120, 3.9474

Monochromacy



Original Color

28.8983, -11.8432, 11.8625

Achromatopsia

27.2422, -1.4536, 1.4801

Achromatomaly

27.7393, -5.6006, 5.9780

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 28.8983, -11.8432, 11.8625 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(66, 88, 48)` looks like.

```
.text, #text, p{  
    color:rgb(66, 88, 48)  
}
```

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(66, 88, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 88, 48) }
```

Border

The CSS property to change the border of an element to HunterLab 28.8983, -11.8432, 11.8625 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(66, 88, 48) }
```


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

```
.border{ border-color:rgb(66, 88, 48) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 88, 48)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 88, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 88, 48);  
box-shadow:4px 4px 4px 4px rgb(66, 88, 48)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 28.8983, -11.8432, 11.8625 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 88, 48) }
```

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

```
.background{ background-color: rgb(66, 88,  
48) }
```

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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