

Converting Colors

HunterLab(28.3716, -7.8934,
12.3843)

Have a look what the booklet for
HunterLab(28.3716, -7.8934,
12.3843) contains.

HunterLab(28.4610, -7.8769, 12.4356)	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(28.4610, -7.8769,
12.4356)**

Conversions

Conversions Part 1

Format	Color
Hex	4D542C
RGB	77, 84, 44
RGB Percent	30%, 33%, 17%
CMY	0.6980, 0.6706, 0.8274
CMYK	0.08, 0.00, 0.48, 0.67
HSL	71°, 31%, 25%
HSV	71°, 48%, 33%
XYZ	6.6855, 8.1003, 3.5940
YIQ	77.3470, 8.6680, -13.9240

Conversions

Conversions Part 2

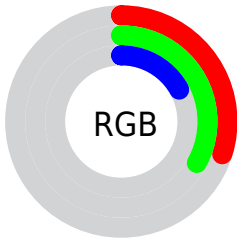
Format	Color
R_{YB}	44, 84, 51
Decimal	5067820
CIE Lab	34.19, -9.94, 22.38
CIE LCh	34, 24.490, 113.958
Yxy	8.1006, 0.3637, 0.4407
Android (android.graphics.Color)	4283257900 (0xFF4D542C)
YUV	77.3470, -16.4401, -0.3043
Hunter-Lab	28.4610, -7.8769, 12.4356

Details

The HunterLab color **28.4610, -7.8769, 12.4356** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **17.7355, 7.8771, -16.9746**, and the grayscale version is **27.4224, -1.4632, 1.4899**.

A 20% lighter version of the original color is **46.9493, -9.8165, 16.2590**, and **13.3206, -5.1841, 8.1173** is the 20% darker color. If you saturate the color by 10%, you get **28.2547, -8.8483, 13.8198**, and if you desaturate by 10%, it is **28.6919, -6.7862, 10.7491**.

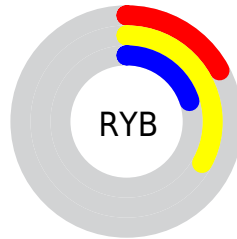
Distribution



 Red (30%)

 Green (33%)

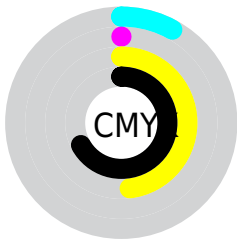
 Blue (17%)



 Red (17%)

 Yellow (33%)

 Blue (20%)

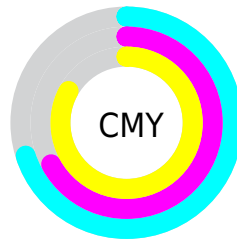


 Cyan (8%)

 Magenta (0%)

 Yellow (48%)

 Black (67%)



 Cyan (70%)

 Magenta (67%)

 Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 28.4610, -7.8769, 12.4356 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 28.4610, -7.8769, 12.4356 by changing the saturation by 10% instead.

■ 28.4610, -7.8769,
12.4356

■ 28.4610, -7.8769,
12.4356

■ 132.8606,
-18.0430, 28.9189

■ 20.3947, -6.7126,
10.1904

■ 47.0697, -10.1327,
16.4949

■ 13.2783, -5.4892,
8.6430

■ 57.4786, -11.2471,
18.3885

■ 6.8120, -6.7252,
4.7684

■ 68.5587, -12.3617,
20.2231

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 80.2713, -13.4806,
22.0138

0.0000, NaN, NaN

■ 92.5840, -14.6064,
23.7715

0.0000, NaN, NaN

■ 105.4689,

0.0000, NaN, NaN

-15.7412, 25.5043

0.0000, NaN, NaN

118.9016,
-16.8864, 27.2185

■ 28.4610, -7.8769,
12.4356

■ 28.4610, -7.8769,
12.4356

■ 28.2547, -8.8483,
13.8198

■ 28.6919, -6.7862,
10.7491

■ 28.0700, -9.7009,
14.9108

■ 28.9460, -5.5725,
8.7531

■ 27.9066, -10.4399,
15.7231

■ 29.2246, -4.2365,
6.4446

■ 27.7630, -11.0717,
16.2757

■ 29.5280, -2.7793,
3.8234

■ 27.6304, -11.6467,
16.6986

■ 29.8564, -1.2027,
0.8918

■ 27.5991, -11.7831,
16.8002

■ 30.2100, 0.4903,
-2.3458

■ 30.5888, 2.2962,
-5.8829

■ 30.9925, 4.2109,
-9.7112

■ 31.4212, 6.2298,
-13.8214

Harmonies

Analogous

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



28.4616, 0.2265, 13.1059



28.4610, -7.8769, 12.4356



28.4616, -13.6032, 9.2842

Triad

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



28.4616, -7.8777, 12.4359



28.4616, -10.5404, -14.1709



28.4616, 16.6920, -0.1421

Complementary

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



28.4610, -7.8769, 12.4356



17.7355, 7.8771, -16.9746

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.



28.4616, 12.9903, -9.2423



28.4610, -7.8769, 12.4356



28.4616, -3.2257, -18.7390

Square

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



28.4616, -7.8777, 12.4359



28.4616, -15.0092, -5.5411



28.4616, 5.4496, -16.7109



28.4616, 15.0693, 7.1837

Rectangle

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



28.4610, -7.8769, 12.4356



28.4616, -15.6278, 5.5317



28.4616, 5.4496, -16.7109



28.4616, 16.0167, -3.1075

Sweetspot

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



28.4616, -7.8777, 12.4359



38.7473, -5.0128, 7.4762



20.9894, 8.1746, 6.3453



19.5857, -2.6696, 4.0200



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.



28.4616, -7.8777, 12.4359



37.3085, -11.8562, 18.4827



27.2077, -12.6345, 11.3512



14.6858, -1.4640, 2.0502



34.6438, -14.9427, 21.0858



82.9900, -36.6903, 50.4957

Inverse Universe

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



17.7355, 7.8771, -16.9746



20.1629, 14.0089, -30.4157



19.4131, 12.6940, -13.4334



13.6597, -0.0133, -0.6096



10.6875, 27.7591, -66.3993



25.0853, 66.1955, -163.9136

Previews

White Background



This preview shows how the HunterLab color 28.4610, -7.8769, 12.4356 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

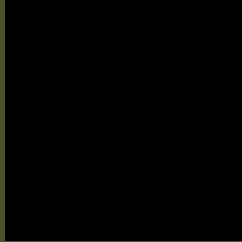
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

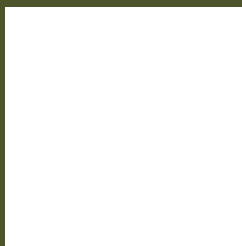
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 28.4610, -7.8769, 12.4356 Background



This preview shows how black text looks on a background with the HunterLab color 28.4610, -7.8769, 12.4356.



This preview shows how white text looks on a background with the HunterLab color 28.4610, -7.8769, 12.4356.

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

28.4610, -7.8769, 12.4356

Protanopia

28.3471, -2.8556, 12.6371

Deuteranopia

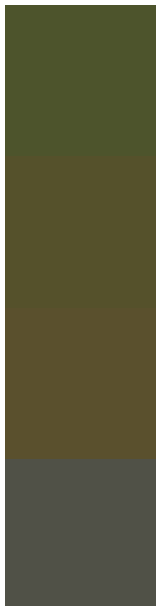
28.4635, 1.5126, 12.1814



Tritanopia

28.3861, 0.3501, -0.8916

Trichromacy



Original Color

28.4610, -7.8769, 12.4356

Protanomaly

28.2676, -4.4778, 12.5462

Deuteranomaly

28.4613, -2.4011, 12.3239

Tritanomaly

28.3642, -3.1434, 4.9620

Monochromacy



Original Color

28.4610, -7.8769, 12.4356

Achromatopsia

27.2422, -1.4536, 1.4801

Achromatomaly

27.7430, -4.2624, 6.3327

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 28.4610, -7.8769, 12.4356 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(77, 84, 44)` looks like.

```
.text, #text, p{  
    color:rgb(77, 84, 44)  
}
```

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(77, 84, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 84, 44) }
```

Border

The CSS property to change the border of an element to HunterLab 28.4610, -7.8769, 12.4356 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(77, 84, 44) }
```


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

```
.border{ border-color:rgb(77, 84, 44) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 84, 44)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 84, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 84, 44);  
box-shadow:4px 4px 4px 4px rgb(77, 84, 44)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 28.4610, -7.8769, 12.4356 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 84, 44) }
```

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

```
.background{ background-color: rgb(77, 84,  
44) }
```

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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