

Converting Colors

HunterLab(28.3490, -14.7258,
17.2107)

Have a look what the booklet for
HunterLab(28.3490, -14.7258,
17.2107) contains.

HunterLab(28.3482, -14.7281, 17.2102)	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(28.3482,
-14.7281, 17.2102)**

Conversions

Conversions Part 1

Format	Color
Hex	3F5800
RGB	63, 88, 0
RGB Percent	25%, 35%, 0%
CMY	0.7529, 0.6549, 1.0000
CMYK	0.28, 0.00, 1.00, 0.65
HSL	77°, 100%, 17%
HSV	77°, 100%, 35%
XYZ	5.5396, 8.0362, 1.2592
YIQ	70.4930, 13.3480, -32.6680

Conversions

Conversions Part 2

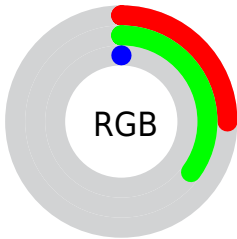
Format	Color
RYB	0, 88, 25
Decimal	4151296
CIELab	34.06, -21.91, 41.08
CIELCh	34, 46.557, 118.075
Yxy	8.0366, 0.3734, 0.5417
Android (android.graphics.Color)	4282341376 (0xFF3F5800)
YUV	70.4930, -34.7530, -6.5714
Hunter-Lab	28.3482, -14.7281, 17.2102

Details

The HunterLab color $[28.3482, -14.7281, 17.2102]$ is a dark color, and the websafe version is hex 336600 . A complement of this color would be $[9.5470, 23.7276, -51.0418]$, and the grayscale version is $[25.0386, -1.3360, 1.3604]$.

A 20% lighter version of the original color is $[46.9262, -18.6204, 24.1802]$, and $[13.1966, -9.6497, 7.9627]$ is the 20% darker color. If you saturate the color by 10%, you get $[28.3488, -14.7292, 17.2105]$, and if you desaturate by 10%, it is $[28.5308, -13.9461, 16.8110]$.

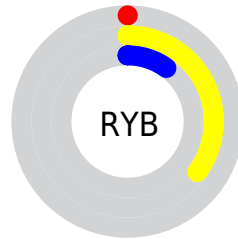
Distribution



Red (25%)

Green (35%)

Blue (0%)



Red (0%)

Yellow (35%)

Blue (10%)

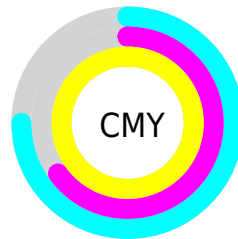


Cyan (28%)

Magenta (0%)

Yellow (100%)

Black (65%)



Cyan (75%)

Magenta (65%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 28.3482, -14.7281, 17.2102 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 28.3482, -14.7281, 17.2102 by changing the saturation by 10% instead.

■ 28.3482, -14.7281,
17.2102

■ 28.3482, -14.7281,
17.2102

■ 132.6720,
-30.7160, 43.9173

■ 20.2937, -12.5983,
14.1235

■ 46.9362, -18.6134,
24.1473

■ 13.1909, -10.2467,
9.2336

■ 57.3360, -20.4404,
27.3084

■ 6.7033, -11.7308,
4.6923

■ 68.4074, -22.2182,
30.3184

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 80.1118, -23.9595,
33.2063

0.0000, NaN, NaN

■ 92.4168, -25.6738,
35.9944


0.0000, NaN, NaN


0.0000, NaN, NaN


■ 105.2942,


-27.3680, 38.7003


0.0000, NaN, NaN


 118.7198,
-29.0473, 41.3376


 28.3482, -14.7281,
17.2102


 28.3482, -14.7281,
17.2102


 28.3488, -14.7292,
17.2105

 28.5308, -13.9461,
16.8110

 28.7248, -13.1092,
16.3241

 28.9430, -12.1482,
15.5710

 29.1871, -11.0559,
14.5289

 29.4582, -9.8287,
13.1830

■ 29.7571, -8.4649,
11.5238

■ 30.0844, -6.9645,
9.5457

■ 30.4405, -5.3292,
7.2470

■ 30.8257, -3.5618,
4.6291

Harmonies

Analogous

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



28.3488, -0.4608, 18.0615



28.3482, -14.7281, 17.2102



28.3488, -23.3945, 13.1617

Triad

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



28.3488, -14.7288, 17.2103



28.3488, -16.1706, -36.8581



28.3488, 36.7940, 0.5302

Complementary

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



28.3482, -14.7281, 17.2102



9.5470, 23.7276, -51.0418

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.



28.3488, 30.0445, -19.0103



28.3482, -14.7281, 17.2102



28.3488, -2.5523, -46.8819

Square

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



28.3488, -14.7288, 17.2103



28.3488, -24.0861, -16.2331



28.3488, 14.6763, -38.9987



28.3488, 31.5173, 12.2423

Rectangle

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



28.3482, -14.7281, 17.2102



28.3488, -25.9973, 7.0059



28.3488, 14.6763, -38.9987



28.3488, 35.8306, -5.2839

Sweetspot

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



28.3488, -14.7288, 17.2103



39.7365, -9.4153, 12.9025



16.6354, 17.7894, 10.5617



19.9411, -5.0142, 6.8637



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.



28.3488, -14.7288, 17.2103



37.4232, -19.7260, 22.7147



26.6814, -21.5388, 16.0636



15.4746, -1.6712, 2.1469



34.7856, -18.2728, 21.1148



82.1624, -44.4334, 49.8502

Inverse Universe

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



9.5470, 23.7276, -51.0418



12.4454, 31.2125, -68.6964



14.0270, 29.0433, -29.8747



14.4399, 0.1111, -0.6233



11.6025, 29.0367, -63.5646



26.7511, 68.1472, -155.8517

Previews

White Background



This preview shows how the HunterLab color 28.3482, -14.7281, 17.2102 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

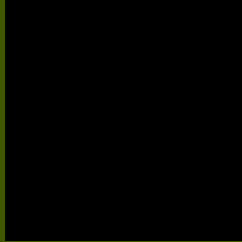
Any Text WCAG AA × Fail

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 28.3482, -14.7281, 17.2102 Background



This preview shows how black text looks on a background with the HunterLab color 28.3482, -14.7281, 17.2102.



This preview shows how white text looks on a background with the HunterLab color 28.3482,

-14.7281, 17.2102.

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

28.3482, -14.7281, 17.2102

Protanopia

28.1265, -4.2568, 17.2569

Deuteranopia

28.2419, 1.4713, 16.3150



Tritanopia

28.4232, -3.4106, -1.8043

Trichromacy



Original Color

28.3482, -14.7281, 17.2102

Protanomaly

28.0927, -8.4871, 17.1620

Deuteranomaly

27.9065, -4.9602, 16.4363

Tritanomaly

28.0270, -9.1270, 9.1956

Monochromacy



Original Color

28.3482, -14.7281, 17.2102

Achromatopsia

24.7479, -1.3205, 1.3446

Achromatomaly

25.8660, -7.7087, 10.1129

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 28.3482, -14.7281, 17.2102 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, 88, 0)` looks like.

```
.text, #text, p{  
    color:rgb(63, 88, 0)  
}
```

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, 88, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 88, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 28.3482, -14.7281, 17.2102 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, 88, 0) }
```


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

```
.border{ border-color:rgb(63, 88, 0) }
```

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

Here you see how a box with a 4 pixel rgb(63, 88, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 88, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(63, 88, 0); box-shadow:4px  
4px 4px 4px rgb(63, 88, 0) }
```

Background

The CSS property to change the background color of an element to HunterLab 28.3482, -14.7281, 17.2102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 88, 0) }
```

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

```
.background{ background-color: rgb(63, 88,  
0) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor