

# Converting Colors

HunterLab(37.4350, -28.1128,  
22.5751)

Have a look what the booklet for  
HunterLab(37.4350, -28.1128,  
22.5751) contains.

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# Color

**HunterLab(37.4350,  
-28.1128, 22.5751)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	2E7800
RGB	46, 120, 0
RGB Percent	18%, 47%, 0%
CMY	0.8196, 0.5294, 1.0000
CMYK	0.62, 0.00, 1.00, 0.53
HSL	97°, 100%, 24%
HSV	97°, 100%, 47%
XYZ	7.8432, 14.0138, 2.2916
YIQ	84.1940, -5.5840, -53.0080

# Conversions

## Conversions Part 2

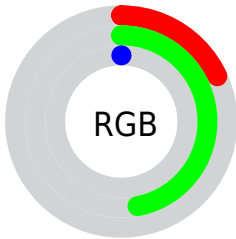
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 120, 74
Decimal	3045376
CIELab	44.25, -42.03, 48.66
CIELCh	44, 64.301, 130.816
Yxy	14.0144, 0.3248, 0.5803
Android (android.graphics.Color)	4281235456 (0xFF2E7800)
YUV	84.1940, -41.5076, -33.4961
Hunter-Lab	37.4350, -28.1128, 22.5751

# Details

The HunterLab color  $[37.4350, -28.1128, 22.5751]$  is a dark color, and the websafe version is hex  $006600$ . A complement of this color would be  $[16.7706, 36.8037, -51.8452]$ , and the grayscale version is  $[29.9948, -1.6004, 1.6297]$ .

A 20% lighter version of the original color is  $[57.4976, -34.5185, 30.1259]$ , and  $[20.9292, -17.9468, 12.5823]$  is the 20% darker color. If you saturate the color by 10%, you get  $[37.4356, -28.1142, 22.5755]$ , and if you desaturate by 10%, it is  $[37.7199, -26.8621, 22.2254]$ .

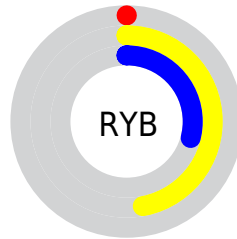
# Distribution



Red (18%)

Green (47%)

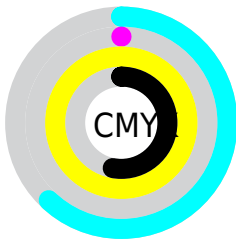
Blue (0%)



Red (0%)

Yellow (47%)

Blue (29%)

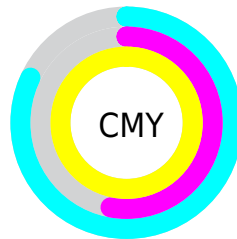


Cyan (62%)

Magenta (0%)

Yellow (100%)

Black (53%)



Cyan (82%)

Magenta (53%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.4350, -28.1128, 22.5751 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 37.4350, -28.1128, 22.5751 by changing the saturation by 10% instead.



■ 37.4350, -28.1128,  
22.5751

■ 37.4350, -28.1128,  
22.5751

147.4179,  
-53.4746, 52.2125

■ 28.5143, -24.5724,  
18.4491

■ 57.5452, -34.5111,  
30.1594

■ 20.4418, -20.6827,  
14.3093

■ 68.6293, -37.4734,  
33.6582

■ 13.3192, -16.9589,  
9.3234

■ 80.3457, -40.3223,  
37.0060

■ 6.8622, -12.0088,  
4.8035

■ 92.6621, -43.0795,  
40.2282

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 105.5504,  
-45.7619, 43.3450

0.0000, NaN, NaN


■ 118.9864,


0.0000, NaN, NaN


-48.3821, 46.3729


0.0000, NaN, NaN


 132.9486,  
-50.9503, 49.3252


 37.4350, -28.1128,  
22.5751


 37.4350, -28.1128,  
22.5751


 37.4356, -28.1142,  
22.5755

 37.7199, -26.8621,  
22.2254

 38.0596, -25.3603,  
21.6613

 38.4671, -23.5436,  
20.7175

 38.9452, -21.4062,  
19.3646

 39.4956, -18.9500,  
17.5859

■ 40.1192, -16.1831,  
15.3752

■ 40.8162, -13.1180,  
12.7345

■ 41.5860, -9.7712,  
9.6733

■ 42.4277, -6.1616,  
6.2061

# Harmonies

## Analogous

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



37.4358, -10.4470, 24.7501



37.4350, -28.1128, 22.5751



37.4358, -36.9480, 13.9883

# Triad

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



37.4358, -28.1134, 22.5752



37.4358, -16.2744, -69.9515



37.4358, 56.5191, 9.5185

# Complementary

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



37.4350, -28.1128, 22.5751



16.7706, 36.8037, -51.8452

# 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.



37.4358, 53.7861, -15.9116



37.4350, -28.1128, 22.5751



37.4358, 7.2705, -74.2704

# Square

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



37.4358, -28.1134, 22.5752



37.4358, -31.4301, -40.7618



37.4358, 34.0944, -50.3189



37.4358, 40.8107, 21.1033



# Rectangle

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



37.4350, -28.1128, 22.5751



37.4358, -38.4556, 1.3932



37.4358, 34.0944, -50.3189



37.4358, 57.8114, 2.6710

# Sweetspot

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



37.4358, -28.1134, 22.5752



54.0577, -17.7113, 17.1672



29.8185, 8.8483, 18.5285



26.1584, -9.3140, 8.9633



78.7982, -4.2045, 4.2813



27.9800, -1.4929, 1.5202



# Same Dimension

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



37.4358, -28.1134, 22.5752



49.5732, -37.5898, 29.8887



36.6951, -31.1571, 21.3942



21.2554, -2.9112, 2.9363



39.0901, -29.4057, 23.5723



85.1070, -65.3445, 51.2986



# Inverse Universe

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



16.7706, 36.8037, -51.8452



22.0637, 48.5944, -69.5376



22.4368, 43.0598, -21.4557



20.0111, 0.7742, -0.8202



17.4917, 38.4125, -54.2577

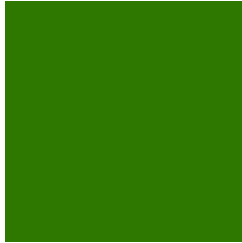


37.5417, 83.0881, -121.4509



# Previews

## White Background



This preview shows how the HunterLab color 37.4350, -28.1128, 22.5751 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 × Fail



# Black Background



This preview shows how the HunterLab color 37.4350, -28.1128, 22.5751 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 37.4350, -28.1128, 22.5751 Background



This preview shows how black text looks on a background with the HunterLab color 37.4350, -28.1128, 22.5751.



This preview shows how white text looks on a background with the HunterLab color 37.4350,

-28.1128, 22.5751.

# 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

37.4350, -28.1128, 22.5751

### Deuteranopia

37.1741, 2.1569, 21.4774

### Tritanopia

37.5860, -11.1981, -5.5705

# Trichromacy



## Original Color

37.4350, -28.1128, 22.5751

## Deuteranomaly

36.4172, -11.7408, 21.4365

## Tritanomaly

37.0501, -20.1578, 11.2414

# Monochromacy



## Original Color

37.4350, -28.1128, 22.5751

## Achromatopsia

29.7751, -1.5887, 1.6177

## Achromatomaly

31.7939, -13.8517, 13.0677

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 37.4350, -28.1128, 22.5751 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(46, 120, 0)` looks like.

```
.text, #text, p{  
    color:rgb(46, 120, 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(46, 120, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 120, 0) }
```

## Border

The CSS property to change the border of an element to HunterLab 37.4350, -28.1128, 22.5751 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(46, 120, 0) }
```

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

```
.border{ border-color:rgb(46, 120, 0) }
```

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

Here you see how a box with a 4 pixel rgb(46, 120, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 120, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 120, 0);  
box-shadow:4px 4px 4px 4px rgb(46, 120, 0)  
}
```



# Background

The CSS property to change the background color of an element to HunterLab 37.4350, -28.1128, 22.5751 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 120, 0) }
```

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

```
.background{ background-color: rgb(46, 120,  
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](#).

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