

# Converting Colors

HunterLab(56.2885, -24.8591,  
35.6513)

Have a look what the booklet for  
HunterLab(56.2885, -24.8591,  
35.6513) contains.

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# Color

**HunterLab(56.3783,  
-24.4839, 34.3114)**

# Conversions

## Conversions Part 1

Format	Color
Hex	88A400
RGB	136, 164, 0
RGB Percent	53%, 64%, 0%
CMY	0.4667, 0.3568, 0.9999
CMYK	0.17, 0.00, 1.00, 0.36
HSL	70°, 100%, 32%
HSV	70°, 100%, 64%
XYZ	23.4288, 31.7851, 4.9003
YIQ	136.9320, 35.9560, -56.9400

# Conversions

## Conversions Part 2

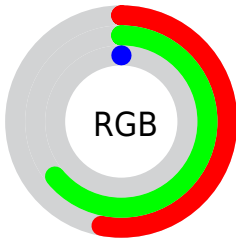
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 164, 28
Decimal	8954880
CIELab	63.17, -27.73, 65.35
CIElCh	63, 70.988, 112.992
Yxy	31.7866, 0.3897, 0.5287
Android (android.graphics.Color)	4287144960 (0xFF88A400)
YUV	136.9320, -67.5075, -0.8174
Hunter-Lab	56.3783, -24.4839, 34.3114

# Details

The HunterLab color **56.3783, -24.4839, 34.3114** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **17.1113, 44.9631, -110.3716**, and the grayscale version is **50.2400, -2.6807, 2.7296**.

A 20% lighter version of the original color is **79.0537, -28.6979, 43.3512**, and **36.5208, -19.0062, 22.1712** is the 20% darker color. If you saturate the color by 10%, you get **56.3794, -24.4865, 34.3120**, and if you desaturate by 10%, it is **56.6240, -23.4762, 33.9499**.

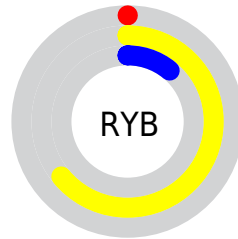
# Distribution



Red (53%)

Green (64%)

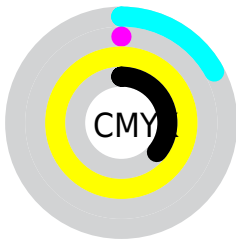
Blue (0%)



Red (0%)

Yellow (64%)

Blue (11%)

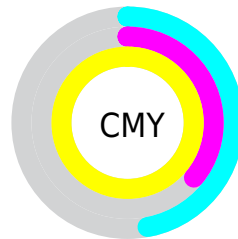


Cyan (17%)

Magenta (0%)

Yellow (100%)

Black (36%)



Cyan (47%)

Magenta (36%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 56.3783, -24.4839, 34.3114 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 56.3783, -24.4839, 34.3114 by changing the saturation by 10% instead.



■ 56.3783, -24.4839,  
34.3114

■ 56.3783, -24.4839,  
34.3114

176.1096,  
-42.2121, 70.1618

■ 46.0419, -22.2902,  
29.4844

■ 79.0420, -28.6628,  
43.2980

■ 36.4269, -19.9915,  
24.4662

■ 91.2945, -30.6759,  
47.5107

■ 27.5938, -17.5503,  
19.3157

■ 104.1219,  
-32.6530, 51.5690

■ 19.6191, -14.9026,  
13.7333

■ 117.4994,  
-34.6015, 55.4935

■ 12.6075, -12.0323,  
8.8253

■ 131.4054,  
-36.5274, 59.3014

■ 5.9204, -10.3606,  
4.1442

■ 145.8204,

0.0000, NaN, NaN

-38.4353, 63.0075

0.0000, NaN, NaN

160.7270,  
-40.3292, 66.6241

0.0000, NaN, NaN

56.3783, -24.4839,  
34.3114

56.3783, -24.4839,  
34.3114

56.3794, -24.4865,  
34.3120

56.6240, -23.4762,  
33.9499

56.9005, -22.2943,  
33.1863

57.2201, -20.8773,  
31.8576

57.5873, -19.2038,  
29.9029

58.0053, -17.2586,  
27.2775

■ 58.4768, -15.0318,  
23.9489

■ 59.0038, -12.5176,  
19.8955

■ 59.5879, -9.7143,  
15.1050

■ 60.2303, -6.6230,  
9.5735

# Harmonies

## Analogous

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



56.3796, 4.4591, 35.3442



56.3783, -24.4839, 34.3114



56.3796, -43.2017, 27.6673

# Triad

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



56.3796, -24.4855, 34.3117



56.3796, -34.6332, -63.7207



56.3796, 69.3165, -4.3091

# Complementary

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



56.3783, -24.4839, 34.3114



17.1113, 44.9631, -110.3716

# 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.



56.3796, 53.0180, -42.9319



56.3783, -24.4839, 34.3114



56.3796, -10.1119, -87.3971

# Square

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



56.3796, -24.4855, 34.3117



56.3796, -48.1140, -23.9237



56.3796, 22.2524, -78.2320



56.3796, 63.1403, 21.0494



# Rectangle

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



56.3783, -24.4839, 34.3114



56.3796, -49.4943, 17.2813



56.3796, 22.2524, -78.2320



56.3796, 66.1848, -16.1977

# Sweetspot

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



56.3796, -24.4855, 34.3117



79.4499, -17.0692, 27.1441



29.4836, 43.5195, 18.9287



37.0123, -8.6305, 13.7551



90.9709, -4.8540, 4.9426



38.3822, -2.0480, 2.0854



# Same Dimension

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



56.3796, -24.4855, 34.3117



75.9043, -33.1923, 46.1908



52.3025, -40.9026, 31.5120



28.5934, -3.0296, 4.3366



49.3851, -21.3704, 30.0567



7.2641, -2.6944, 4.4289



# Inverse Universe

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



17.1113, 44.9631, -110.3716



22.9147, 60.4736, -149.7754



24.4002, 52.7677, -69.3883



26.2971, 0.1915, -1.6109



15.0318, 39.4140, -96.2664



2.5071, 6.0158, -11.7318



# Previews

## White Background



This preview shows how the HunterLab color 56.3783, -24.4839, 34.3114 looks on a white 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



# Black Background



This preview shows how the HunterLab color 56.3783, -24.4839, 34.3114 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

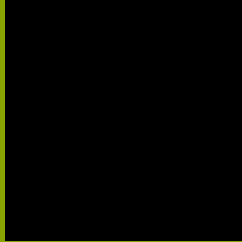
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# HunterLab 56.3783, -24.4839, 34.3114 Background



This preview shows how black text looks on a background with the HunterLab color 56.3783, -24.4839, 34.3114.



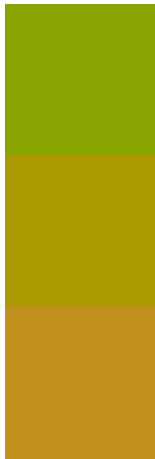
This preview shows how white text looks on a background with the HunterLab color 56.3783, -24.4839, 34.3114.

-24.4839, 34.3114.

# 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

56.3783, -24.4839, 34.3114

### Protanopia

56.1722, -8.0395, 34.4723

### Deuteranopia

56.1658, 3.6801, 33.4465



## Tritanopia

56.1483, -1.8588, -2.5213

# Trichromacy



## Original Color

56.3783, -24.4839, 34.3114

## Protanomaly

56.1114, -14.3550, 34.3243

## Deuteranomaly

55.9203, -7.3640, 33.7222

## Tritanomaly

55.4127, -13.5773, 19.8943

# Monochromacy



## Original Color

56.3783, -24.4839, 34.3114

## Achromatopsia

50.0158, -2.6687, 2.7175

## Achromatomaly

51.8401, -13.3477, 21.3973

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 56.3783, -24.4839, 34.3114 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(136, 164, 0)` looks like.

```
.text, #text, p{  
    color:rgb(136, 164, 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(136, 164, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 164, 0) }
```

## Border

The CSS property to change the border of an element to HunterLab 56.3783, -24.4839, 34.3114 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(136, 164, 0) }
```



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

```
.border{ border-color:rgb(136, 164, 0) }
```

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

Here you see how a box with a 4 pixel rgb(136, 164, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 164, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 164, 0);  
box-shadow:4px 4px 4px 4px rgb(136, 164,  
0) }
```

# Background

The CSS property to change the background color of an element to HunterLab 56.3783, -24.4839, 34.3114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 164, 0) }
```

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

```
.background{ background-color: rgb(136,  
164, 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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