

# Converting Colors

HunterLab(27.6956, -27.3584,  
15.3935)

Have a look what the booklet for  
HunterLab(27.6956, -27.3584,  
15.3935) contains.

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# Color

**HunterLab(28.3709,  
-23.7785, 15.8698)**

# Conversions

## Conversions Part 1

Format	Color
Hex	005E12
RGB	0, 94, 18
RGB Percent	0%, 37%, 7%
CMY	1.0000, 0.6314, 0.9294
CMYK	1.00, 0.00, 0.81, 0.63
HSL	131°, 100%, 18%
HSV	131°, 100%, 37%
XYZ	4.1119, 8.0491, 1.9092
YIQ	57.2300, -31.6280, -43.5640

# Conversions

## Conversions Part 2

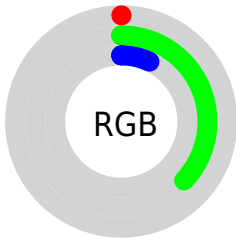
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 79, 94
Decimal	24082
CIELab	34.09, -40.36, 34.39
CIELCh	34, 53.026, 139.562
Yxy	8.0494, 0.2922, 0.5721
Android (android.graphics.Color)	4278214162 (0xFF005E12)
YUV	57.2300, -19.3404, -50.1907
Hunter-Lab	28.3709, -23.7785, 15.8698

# Details

The HunterLab color  $[28.3709, -23.7785, 15.8698]$  is a dark color, and the websafe version is hex  $006600$ . A complement of this color would be  $[17.0340, 32.2343, -12.7380]$ , and the grayscale version is  $[20.3785, -1.0873, 1.1072]$ .

A 20% lighter version of the original color is  $[46.8201, -30.1134, 21.5987]$ , and  $[14.2584, -12.2266, 8.5719]$  is the 20% darker color. If you saturate the color by 10%, you get  $[28.3715, -23.7789, 15.8699]$ , and if you desaturate by 10%, it is  $[28.5293, -23.0062, 15.1939]$ .

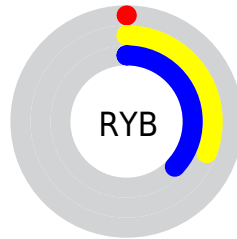
# Distribution



Red (0%)

Green (37%)

Blue (7%)



Red (0%)

Yellow (31%)

Blue (37%)

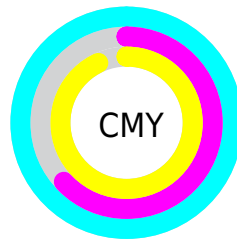


Cyan (100%)

Magenta (0%)

Yellow (81%)

Black (63%)



Cyan (100%)

Magenta (63%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 28.3709, -23.7785, 15.8698 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 28.3709, -23.7785, 15.8698 by changing the saturation by 10% instead.



■ 28.3709, -23.7785,  
15.8698

■ 28.3709, -23.7785,  
15.8698

132.7099,  
-49.2855, 38.8594

■ 20.3140, -20.0339,  
12.7643

■ 46.9630, -30.3660,  
21.7750

■ 13.2084, -16.3996,  
9.2459

■ 57.3647, -33.3647,  
24.4752

■ 6.7253, -11.7693,  
4.7077

■ 68.4378, -36.2275,  
27.0561

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 80.1439, -38.9833,  
29.5426

0.0000, NaN, NaN

■ 92.4504, -41.6528,  
31.9534


0.0000, NaN, NaN


0.0000, NaN, NaN


■ 105.3293,


-44.2520, 34.3027


0.0000, NaN, NaN


 118.7563,  
-46.7930, 36.6018


 28.3709, -23.7785,  
15.8698


 28.3709, -23.7785,  
15.8698


 28.3715, -23.7789,  
15.8699

 28.5293, -23.0062,  
15.1939

 28.7283, -22.0351,  
14.3161

 29.0072, -20.7077,  
13.2605

 29.3717, -19.0123,  
12.0329

 29.8256, -16.9497,  
10.6435

■ 30.3706, -14.5317,  
9.1060

■ 31.0075, -11.7781,  
7.4366

■ 31.7354, -8.7152,  
5.6533

■ 32.5528, -5.3734,  
3.7743

# Harmonies

## Analogous

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



28.3715, -12.4415, 18.5740



28.3709, -23.7785, 15.8698



28.3715, -28.6498, 7.0022

# Triad

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



28.3715, -23.7789, 15.8699



28.3715, -7.6594, -55.7102



28.3715, 40.2382, 10.6781

# Complementary

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



28.3709, -23.7785, 15.8698



17.0340, 32.2343, -12.7380

# 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.



28.3715, 42.4711, -5.2736



28.3709, -23.7785, 15.8698



28.3715, 11.3642, -52.1924

# Square

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



28.3715, -23.7789, 15.8699



28.3715, -21.0507, -38.0079



28.3715, 30.8417, -30.2142



28.3715, 25.3503, 17.0924



# Rectangle

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



28.3709, -23.7785, 15.8698



28.3715, -28.7038, -4.6518



28.3715, 30.8417, -30.2142



28.3715, 42.6162, 6.5970

# Sweetspot

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



28.3715, -23.7789, 15.8699



40.9463, -15.9426, 10.0530



30.9417, -13.5073, 18.8296



19.9268, -8.3058, 5.2217



71.2094, -3.7996, 3.8689



21.6712, -1.1563, 1.1774



# Same Dimension

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



28.3715, -23.7789, 15.8699



37.5249, -31.5721, 21.2522



28.9458, -20.2225, 7.4750



16.1013, -2.4436, 1.7473



33.3626, -28.0291, 18.8064



78.0051, -66.0075, 44.9916



# Inverse Universe

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



17.0340, 32.2343, -12.7380



22.5098, 42.5471, -16.4498



15.7237, 27.5157, 5.5975



15.4128, 0.8223, -0.0466



20.0200, 37.8582, -14.7638

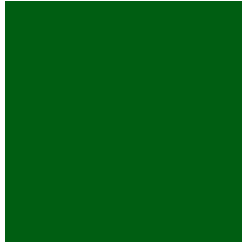


46.7165, 88.1243, -32.7650



# Previews

## White Background



This preview shows how the HunterLab color 28.3709, -23.7785, 15.8698 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

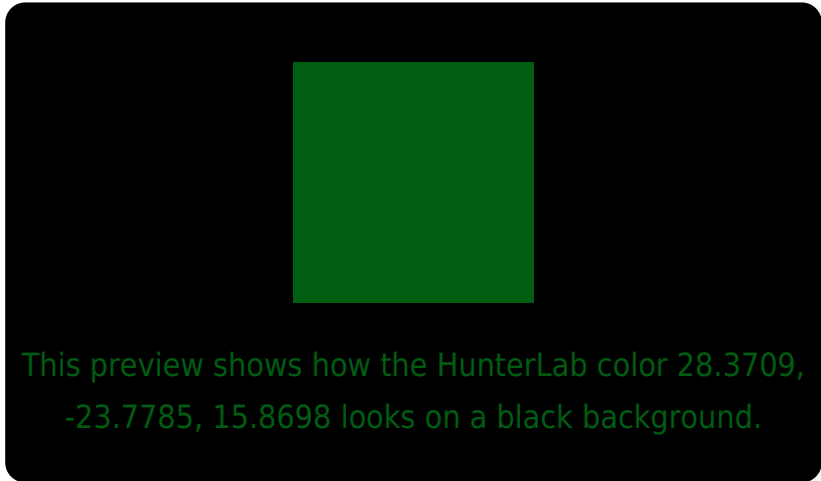
Any Text WCAG AA ✓ Pass

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 28.3709, -23.7785, 15.8698 Background



This preview shows how black text looks on a background with the HunterLab color 28.3709, -23.7785, 15.8698.



This preview shows how white text looks on a background with the HunterLab color 28.3709,

-23.7785, 15.8698.

# 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

28.3709, -23.7785, 15.8698

### Protanopia

28.4433, -4.3518, 16.5844

### Deuteranopia

28.3103, 1.8382, 15.3052



## Tritanopia

28.7002, -10.4706, -4.8642

# Trichromacy



## Original Color

28.3709, -23.7785, 15.8698

## Protanomaly

27.4953, -14.9987, 15.7054

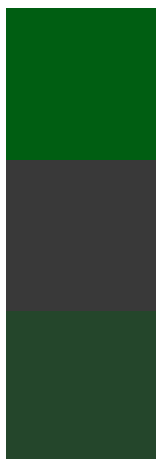
## Deuteranomaly

27.0970, -12.0287, 14.5956

## Tritanomaly

28.1500, -17.1124, 5.8620

# Monochromacy



## Original Color

28.3709, -23.7785, 15.8698

## Achromatopsia

20.2275, -1.0793, 1.0990

## Achromatomaly

22.2032, -11.8933, 7.3702

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 28.3709, -23.7785, 15.8698 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(0, 94, 18)` looks like.

```
.text, #text, p{  
    color:rgb(0, 94, 18)  
}
```

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(0, 94, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 94, 18) }
```

## Border

The CSS property to change the border of an element to HunterLab 28.3709, -23.7785, 15.8698 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(0, 94, 18) }
```



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

```
.border{ border-color:rgb(0, 94, 18) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 94, 18)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 94, 18); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 94, 18); box-shadow:4px  
4px 4px 4px rgb(0, 94, 18) }
```

# Background

The CSS property to change the background color of an element to HunterLab 28.3709, -23.7785, 15.8698 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 94, 18) }
```

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

```
.background{ background-color: rgb(0, 94,  
18) }
```

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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