

# Converting Colors

HunterLab(42.7866, 58.1055,  
27.3822)

Have a look what the booklet for  
HunterLab(42.7866, 58.1055,  
27.3822) contains.

<b>HunterLab(42.8876, 58.1883, 27.4459)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**HunterLab(42.8876, 58.1883,  
27.4459)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E03500
RGB	224, 53, 0
RGB Percent	88%, 21%, 0%
CMY	0.1216, 0.7921, 1.0000
CMYK	0.00, 0.76, 1.00, 0.12
HSL	14°, 100%, 44%
HSV	14°, 100%, 88%
XYZ	32.0135, 18.3935, 1.8629
YIQ	98.0870, 118.9290, 19.7690

# Conversions

## Conversions Part 2

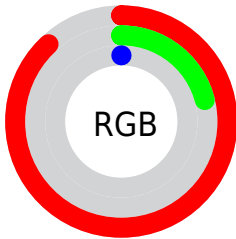
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	224, 69, 0
Decimal	14693632
CIE Lab	49.97, 63.53, 62.21
CIE LCh	50, 88.911, 44.398
Yxy	18.3946, 0.6125, 0.3519
Android (android.graphics.Color)	4292883712 (0xFFE03500)
YUV	98.0870, -48.3569, 110.4257
Hunter-Lab	42.8876, 58.1883, 27.4459

# Details

The HunterLab color **42.8876, 58.1883, 27.4459** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **58.7386, -17.6591, -35.2971**, and the grayscale version is **35.1273, -1.8743, 1.9085**.

A 20% lighter version of the original color is **57.7806, 46.9666, 32.1806**, and **27.1495, 46.4943, 17.5433** is the 20% darker color. If you saturate the color by 10%, you get **42.8889, 58.1836, 27.4465**, and if you desaturate by 10%, it is **45.0566, 52.2274, 27.6523**.

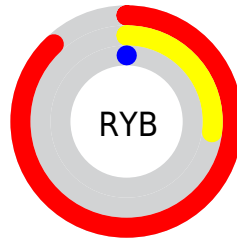
# Distribution



Red (88%)

Green (21%)

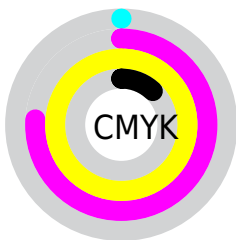
Blue (0%)



Red (88%)

Yellow (27%)

Blue (0%)

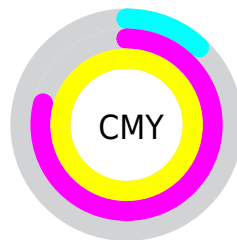


Cyan (0%)

Magenta (76%)

Yellow (100%)

Black (12%)



Cyan (12%)

Magenta (79%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 42.8876, 58.1883, 27.4459 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 42.8876, 58.1883, 27.4459 by changing the saturation by 10% instead.



42.8876, 58.1883,  
27.4459

42.8876, 58.1883,  
27.4459

155.9121, 73.9673,  
63.4233

33.5166, 55.9963,  
22.6317

63.8033, 62.3531,  
36.6118

24.9484, 53.8237,  
17.4639

75.2532, 64.2964,  
40.8698

17.2682, 51.8583,  
12.0877

87.3163, 66.1400,  
44.9496

10.5938, 50.6819,  
7.4157

99.9628, 67.8858,  
48.8759

0.0000, INF, NaN

0.0000, INF, NaN

113.1671, 69.5371,  
52.6701

0.0000, NaN, NaN

126.9064, 71.0982,

0.0000, NaN, NaN

56.3498

0.0000, NaN, NaN

141.1608, 72.5735,  
59.9300

42.8876, 58.1883,  
27.4459

42.8876, 58.1883,  
27.4459

42.8889, 58.1836,  
27.4465

45.0566, 52.2274,  
27.6523

47.8389, 45.5154,  
27.2230

51.2033, 38.4764,  
26.0395

55.0932, 31.4219,  
24.1844

59.4471, 24.5601,  
21.7723

■ 64.2060, 18.0086,  
18.9161

■ 69.3168, 11.8188,  
15.7121

■ 74.7336, 5.9990,  
12.2368

■ 80.4177, 0.5333,  
8.5486

# Harmonies

## Analogous

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



42.8889, 85.8632, 15.5445



42.8876, 58.1883, 27.4459



42.8889, 17.6540, 29.9717

# Triad

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



42.8889, 58.1835, 27.4465



42.8889, -50.2201, 16.3835



42.8889, 16.0345, -120.1875

# Complementary

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



42.8876, 58.1883, 27.4459



58.7386, -17.6591, -35.2971

# 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.



42.8889, -19.1479, -119.0993



42.8876, 58.1883, 27.4459



42.8889, -50.4011, -17.1513

# Square

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



42.8889, 58.1835, 27.4465



42.8889, -40.3594, 27.6397



42.8889, -40.9751, -72.4639



42.8889, 56.6706, -74.7910



# Rectangle

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



42.8876, 58.1883, 27.4459



42.8889, -7.4000, 30.0222



42.8889, -40.9751, -72.4639



42.8889, 3.0694, -125.9659

# Sweetspot

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



42.8889, 58.1835, 27.4465



80.1548, 13.8400, 18.2827



43.3768, 81.1268, -25.0156



35.9004, 7.7891, 9.2060

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



42.8889, 58.1835, 27.4465



49.5263, 67.8541, 31.7058



65.1870, 6.5804, 40.2831



37.7153, 0.1122, 3.8952



32.9468, 43.7026, 21.0667



9.4317, 9.3346, 5.9752

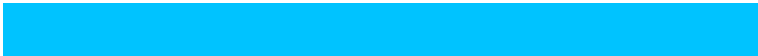


# Inverse Universe

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



58.7386, -17.6591, -35.2971



67.8921, -20.2523, -41.1404



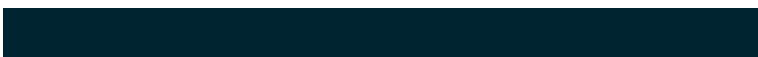
29.3012, 40.4445, -123.9321



38.7217, -4.0217, 0.2284



45.0202, -13.7639, -26.5590



12.4066, -4.3906, -6.0291



# Previews

## White Background



This preview shows how the HunterLab color 42.8876, 58.1883, 27.4459 looks on a white 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



# Black Background



This preview shows how the HunterLab color 42.8876, 58.1883, 27.4459 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 × Fail

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

# HunterLab 42.8876, 58.1883, 27.4459 Background



This preview shows how black text looks on a background with the HunterLab color 42.8876, 58.1883, 27.4459.



This preview shows how white text looks on a background with the HunterLab color 42.8876, 58.1883,



# 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

42.8876, 58.1883, 27.4459

### Protanopia

43.1954, -5.7770, 25.1742

### Deuteranopia

43.1439, 2.1963, 26.6235



## Tritanopia

43.0338, 60.6081, 23.4207

# Trichromacy



## Original Color

42.8876, 58.1883, 27.4459

## Protanomaly

40.7697, 17.1829, 24.6517

## Deuteranomaly

41.3754, 23.3122, 25.9035

## Tritanomaly

42.9878, 59.7054, 25.6494

# Monochromacy



## Original Color

42.8876, 58.1883, 27.4459

## Achromatopsia

34.9484, -1.8648, 1.8988

## Achromatomaly

35.0880, 16.8800, 14.2157

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 42.8876, 58.1883, 27.4459 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(224, 53, 0)` looks like.

```
.text, #text, p{  
    color:rgb(224, 53, 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(224, 53, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 53, 0) }
```

## Border

The CSS property to change the border of an element to HunterLab 42.8876, 58.1883, 27.4459 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(224, 53, 0) }
```



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

```
.border{ border-color:rgb(224, 53, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 53, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 53, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 53, 0);  
box-shadow:4px 4px 4px 4px rgb(224, 53, 0)  
}
```

# Background

The CSS property to change the background color of an element to HunterLab 42.8876, 58.1883, 27.4459 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 53, 0) }
```

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

```
.background{ background-color: rgb(224, 53,  
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