

# Converting Colors

HunterLab(58.0723, 45.0178,  
34.9866)

Have a look what the booklet for  
HunterLab(58.0723, 45.0178,  
34.9866) contains.

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# Color

**HunterLab(58.0024, 45.2108,  
34.9069)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF7323
RGB	255, 115, 35
RGB Percent	100%, 45%, 14%
CMY	0.0000, 0.5490, 0.8627
CMYK	0.00, 0.55, 0.86, 0.00
HSL	22°, 100%, 57%
HSV	22°, 86%, 100%
XYZ	47.6741, 33.6428, 5.5711
YIQ	147.7400, 109.1200, 4.8000

# Conversions

## Conversions Part 2

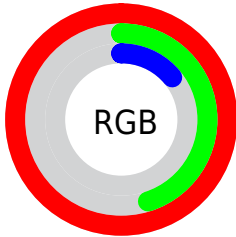
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 161, 35
Decimal	16741155
CIE Lab	64.68, 49.51, 64.85
CIE LCh	65, 81.593, 52.638
Yxy	33.6447, 0.5487, 0.3872
Android (android.graphics.Color)	4294931235 (0xFFFF7323)
YUV	147.7400, -55.5808, 94.0670
Hunter-Lab	58.0024, 45.2108, 34.9069

# Details

The HunterLab color **58.0024, 45.2108, 34.9069** is a dark color, and the websafe version is hex **FF6600**. The color can be described as middle washed orange. A complement of this color would be **61.8341, -9.8530, -52.7850**, and the grayscale version is **54.5013, -2.9081, 2.9612**.

A 20% lighter version of the original color is **71.2255, 19.2518, 36.3584**, and **37.7950, 42.0305, 24.0249** is the 20% darker color. If you saturate the color by 10%, you get **54.9210, 52.5260, 34.4670**, and if you desaturate by 10%, it is **61.5526, 37.9088, 34.4068**.

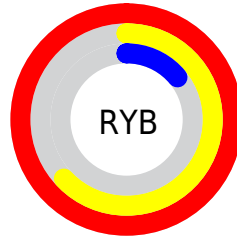
# Distribution



Red (100%)

Green (45%)

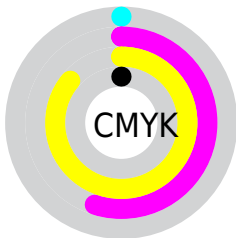
Blue (14%)



Red (100%)

Yellow (63%)

Blue (14%)

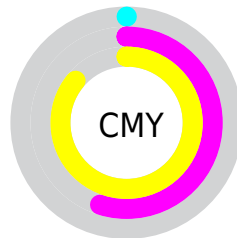


Cyan (0%)

Magenta (55%)

Yellow (86%)

Black (0%)



Cyan (0%)

Magenta (55%)

Yellow (86%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 58.0024, 45.2108, 34.9069 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 58.0024, 45.2108, 34.9069 by changing the saturation by 10% instead.





 58.0024, 45.2108,  
34.9069


 58.0024, 45.2108,  
34.9069


178.4782, 55.8138,  
70.3361


 47.5613, 43.5444,  
30.1491


 80.8583, 48.1998,  
43.7709


 37.8335, 41.7705,  
25.1487


 93.1996, 49.5427,  
47.9297

 28.8777, 39.8952,  
20.2144


 106.1118, 50.7913,  
51.9388

 20.7672, 37.9611,  
14.5370

 119.5706, 51.9516,  
55.8180

 13.6015, 36.1117,  
9.5210

 133.5548, 53.0292,  
59.5842

 7.1976, 37.6664,  
5.0383

 148.0452, 54.0292,

0.0000, INF, NaN

63.2516

0.0000, NaN, NaN

163.0249, 54.9560,  
66.8321

0.0000, NaN, NaN

■ 58.0024, 45.2108,  
34.9069

■ 58.0024, 45.2108,  
34.9069

■ 54.9210, 52.5260,  
34.4670

■ 61.5526, 37.9088,  
34.4068

■ 53.8908, 55.1760,  
34.1732

■ 65.5309, 30.8458,  
32.9537

■ 69.8985, 24.1487,  
30.6140

■ 74.6150, 17.8867,  
27.4838

■ 79.6428, 12.0842,  
23.6653

84.9479, 6.7364,  
19.2548

90.5005, 1.8211,  
14.3373

96.2745, -2.6930,  
8.9851

99.9999, -5.3361,  
5.4331

# Harmonies

## Analogous

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



58.0040, 75.6765, 23.2246



58.0024, 45.2108, 34.9069



58.0040, 6.0473, 37.8627

# Triad

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



58.0040, 45.2061, 34.9076



58.0040, -57.0495, 10.9819



58.0040, 26.0439, -96.5239

# Complementary

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



58.0024, 45.2108, 34.9069



61.8341, -9.8530, -52.7850

# 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.



58.0040, -11.7097, -107.5792



58.0024, 45.2108, 34.9069



58.0040, -54.1842, -28.3623

# Square

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



58.0040, 45.2061, 34.9076



58.0040, -48.5245, 30.5994



58.0040, -39.4321, -77.4263



58.0040, 62.8623, -52.7518



# Rectangle

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



58.0024, 45.2108, 34.9069



58.0040, -17.4885, 37.6742



58.0040, -39.4321, -77.4263



58.0040, 12.8484, -104.9596

# Sweetspot

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



58.0040, 45.2061, 34.9076



85.0968, 6.5965, 19.1269



50.6719, 87.0229, -16.5360



38.5048, 3.8836, 9.5865

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



58.0040, 45.2061, 34.9076



53.8910, 55.1762, 34.1733



85.8042, -9.3941, 51.6088



43.6675, -0.5904, 4.9772



39.2852, 38.9866, 24.8899



13.0451, 10.1230, 8.2156

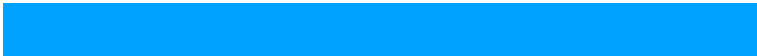


# Inverse Universe

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



61.8341, -9.8530, -52.7850



57.5794, -4.6093, -62.0190



34.2226, 48.6543, -141.9653



43.9378, -3.8997, -0.3195



41.9734, -3.9047, -44.0339



13.8685, -2.4366, -12.0745



# Previews

## White Background



This preview shows how the HunterLab color 58.0024, 45.2108, 34.9069 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 58.0024, 45.2108, 34.9069 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 58.0024, 45.2108, 34.9069 Background



This preview shows how black text looks on a background with the HunterLab color 58.0024, 45.2108, 34.9069.



This preview shows how white text looks on a background with the HunterLab color 58.0024, 45.2108,

34.9069.

# 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

58.0024, 45.2108, 34.9069

### Protanopia

58.2075, -7.9494, 33.0952

### Deuteranopia

58.0163, 4.1735, 35.5290



## Tritanopia

58.0283, 52.1574, 19.7876

# Trichromacy



**Original Color**

58.0024, 45.2108, 34.9069

**Protanomaly**

57.0020, 10.6863, 33.0331

**Deuteranomaly**

57.4442, 18.4119, 35.0833

**Tritanomaly**

57.9107, 48.9339, 27.3094

# Monochromacy



**Original Color**

58.0024, 45.2108, 34.9069

**Achromatopsia**

54.4186, -2.9036, 2.9567

**Achromatomaly**

54.0691, 10.8617, 18.2542

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 58.0024, 45.2108, 34.9069 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(255, 115, 35)` looks like.

```
.text, #text, p{  
    color:rgb(255, 115, 35)  
}
```

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(255, 115, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 115, 35) }
```

## Border

The CSS property to change the border of an element to HunterLab 58.0024, 45.2108, 34.9069 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(255, 115, 35) }
```



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

```
.border{ border-color:rgb(255, 115, 35) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 115, 35)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 115, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 115, 35);  
box-shadow:4px 4px 4px 4px rgb(255, 115,  
35) }
```

# Background

The CSS property to change the background color of an element to HunterLab 58.0024, 45.2108, 34.9069 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 115, 35) }
```

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

```
.background{ background-color: rgb(255,  
115, 35) }
```

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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