

Converting Colors

HunterLab(70.5425, 73.8981,
39.5332)

Have a look what the booklet for
HunterLab(70.5425, 73.8981,
39.5332) contains.

HunterLab(58.9049, 45.1621, 30.7430)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(58.9049, 45.1621,
30.7430)**

Conversions

Conversions Part 1

Format	Color
Hex	FF7649
RGB	255, 118, 73
RGB Percent	100%, 46%, 29%
CMY	0.0000, 0.5372, 0.7137
CMYK	0.00, 0.54, 0.71, 0.00
HSL	15°, 100%, 64%
HSV	15°, 71%, 100%
XYZ	48.9210, 34.6979, 10.4223
YIQ	153.8330, 96.0970, 15.0490

Conversions

Conversions Part 2

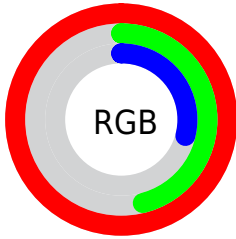
Format	Color
R_{YB}	255, 133, 73
Decimal	16741961
CIE Lab	65.51, 49.35, 49.05
CIE LCh	66, 69.581, 44.826
Yxy	34.6998, 0.5202, 0.3690
Android (android.graphics.Color)	4294932041 (0xFFFF7649)
YUV	153.8330, -39.8507, 88.7235
Hunter-Lab	58.9049, 45.1621, 30.7430

Details

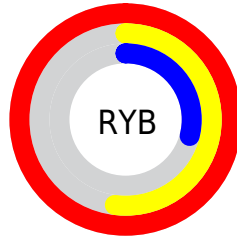
The HunterLab color **58.9049, 45.1621, 30.7430** is a dark color, and the websafe version is hex **FF6633**. The color can be described as middle washed orange. A complement of this color would be **73.9769, -23.6718, -30.6545**, and the grayscale version is **56.9086, -3.0365, 3.0920**.

A 20% lighter version of the original color is **72.5101, 20.2168, 29.7119**, and **38.6513, 41.9806, 23.2261** is the 20% darker color. If you saturate the color by 10%, you get **55.0979, 53.2759, 31.9324**, and if you desaturate by 10%, it is **63.3247, 37.0072, 28.7326**.

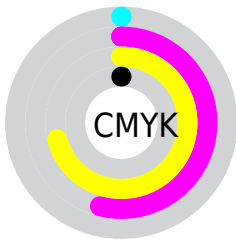
Distribution



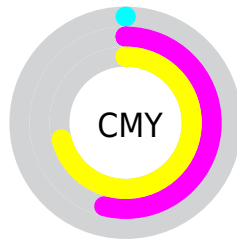
- Red (100%)
- Green (46%)
- Blue (29%)



- Red (100%)
- Yellow (52%)
- Blue (29%)



- Cyan (0%)
- Magenta (54%)
- Yellow (71%)
- Black (0%)



- Cyan (0%)
- Magenta (54%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 58.9049, 45.1621, 30.7430 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 58.9049, 45.1621, 30.7430 by changing the saturation by 10% instead.

58.9049, 45.1621,
30.7430

58.9049, 45.1621,
30.7430

179.7891, 55.6513,
58.4933

48.4063, 43.5109,
27.0609

81.8660, 48.1221,
37.6012

38.6168, 41.7516,
23.1605

94.2559, 49.4513,
40.8314

29.5940, 39.8885,
19.0099

107.2146, 50.6867,
43.9574

21.4096, 37.9598,
14.9867

120.7181, 51.8345,
46.9952

14.1603, 36.0930,
9.9122

134.7452, 52.9000,
49.9579

7.8132, 36.1550,
5.4692

149.2771, 53.8884,

0.0000, INF, NaN

52.8561

0.0000, NaN, NaN

164.2969, 54.8042,
55.6988

0.0000, NaN, NaN

■ 58.9049, 45.1621,
30.7430

■ 58.9049, 45.1621,
30.7430

■ 55.0979, 53.2759,
31.9324

■ 63.3247, 37.0072,
28.7326

■ 51.9612, 60.9936,
32.2198

■ 68.2827, 29.0740,
26.0266

■ 49.8212, 66.9475,
31.8716

■ 73.7130, 21.5012,
22.7586

■ 79.5542, 14.3528,
19.0451

■ 85.7529, 7.6416,
14.9807

■ 92.2639, 1.3502,
10.6387

■ 99.0492, -4.5539,
6.0742

■ 99.9999, -5.3360,
5.4331

Harmonies

Analogous

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



58.9065, 65.9424, 15.9060



58.9049, 45.1621, 30.7430



58.9065, 13.2146, 35.8204

Triad

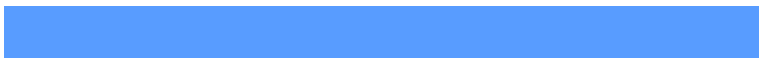
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



58.9065, 45.1576, 30.7438



58.9065, -50.1967, 16.1574



58.9065, 12.8303, -81.6975

Complementary

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



58.9049, 45.1621, 30.7430



73.9769, -23.6718, -30.6545

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.



58.9065, -17.8959, -81.5039



58.9049, 45.1621, 30.7430



58.9065, -50.2576, -13.1552

Square

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



58.9065, 45.1576, 30.7438



58.9065, -39.4320, 30.8461



58.9065, -39.6202, -52.1255



58.9065, 44.8268, -52.5668

Rectangle

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



58.9049, 45.1621, 30.7430



58.9065, -8.0591, 36.2885



58.9065, -39.6202, -52.1255



58.9065, 1.9331, -85.4078

Sweetspot

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



58.9065, 45.1576, 30.7438



85.9900, 7.4003, 14.8239



55.5028, 81.5973, -31.2858



38.9742, 4.2591, 7.3929

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



58.9065, 45.1576, 30.7438



53.5596, 56.9244, 32.1786



81.3071, -0.4085, 45.4972



43.2627, 0.1015, 4.5348



36.2843, 47.5703, 23.1910



12.0220, 12.8138, 7.6322

Inverse Universe

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



73.9769, -23.6718, -30.6545



70.1820, -22.1007, -37.0661



47.3724, 21.4728, -88.8410



44.3573, -4.5789, 0.1856



48.6883, -14.0881, -30.4439



15.7480, -5.1768, -8.5083

Previews

White Background



This preview shows how the HunterLab color 58.9049, 45.1621, 30.7430 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 58.9049, 45.1621, 30.7430 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 58.9049, 45.1621, 30.7430 Background



This preview shows how black text looks on a background with the HunterLab color 58.9049, 45.1621, 30.7430.



This preview shows how white text looks on a background with the HunterLab color 58.9049, 45.1621,

30.7430.

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

58.9049, 45.1621, 30.7430

Protanopia

59.1976, -6.6381, 27.5433

Deuteranopia

59.0287, 3.9626, 31.4194



Tritanopia

58.8856, 50.6631, 18.9586

Trichromacy



Original Color

58.9049, 45.1621, 30.7430

Protanomaly

58.1584, 11.1309, 28.0958

Deuteranomaly

58.5095, 18.5260, 30.8358

Tritanomaly

58.7545, 48.6861, 23.8405

Monochromacy



Original Color

58.9049, 45.1621, 30.7430

Achromatopsia

56.8457, -3.0331, 3.0885

Achromatomaly

56.2199, 11.8281, 14.3880

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 58.9049, 45.1621, 30.7430 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, 118, 73)` looks like.

```
.text, #text, p{  
    color:rgb(255, 118, 73)  
}
```

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, 118, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 118, 73) }
```

Border

The CSS property to change the border of an element to HunterLab 58.9049, 45.1621, 30.7430 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, 118, 73) }
```


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

```
.border{ border-color:rgb(255, 118, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 118, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 118, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 118, 73);  
box-shadow:4px 4px 4px 4px rgb(255, 118,  
73) }
```

Background

The CSS property to change the background color of an element to HunterLab 58.9049, 45.1621, 30.7430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 118, 73) }
```

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

```
.background{ background-color: rgb(255,  
118, 73) }
```

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