

# Converting Colors

HunterLab(50.9460, 45.1776,  
31.9484)

Have a look what the booklet for  
HunterLab(50.9460, 45.1776,  
31.9484) contains.

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# Color

**HunterLab(51.0326, 45.2946,  
32.0055)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	EB6007
RGB	235, 96, 7
RGB Percent	92%, 38%, 3%
CMY	0.0784, 0.6235, 0.9725
CMYK	0.00, 0.59, 0.97, 0.08
HSL	23°, 94%, 47%
HSV	23°, 97%, 92%
XYZ	38.4822, 26.0433, 3.1996
YIQ	127.4150, 111.4130, 1.7890

# Conversions

## Conversions Part 2

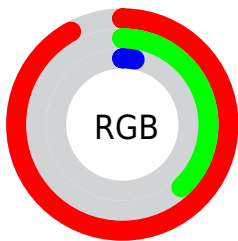
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">235, 153, 7</a>
Decimal	<a href="#">15425543</a>
CIELab	<a href="#">58.08, 50.59, 66.00</a>
CIElCh	<a href="#">58, 83.159, 52.532</a>
Yxy	<a href="#">26.0448, 0.5682, 0.3846</a>
Android (android.graphics.Color)	<a href="#">4293615623</a> <a href="#">(0xFFEB6007)</a>
YUV	<a href="#">127.4150, -59.3646, 94.3520</a>
Hunter-Lab	<a href="#">51.0326, 45.2946, 32.0055</a>

# Details

The HunterLab color **51.0326, 45.2946, 32.0055** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark washed orange. A complement of this color would be **51.5748, -2.4813, -58.6175**, and the grayscale version is **46.4276, -2.4773, 2.5225**.

A 20% lighter version of the original color is **65.9563, 28.6091, 36.0817**, and **32.0059, 42.0768, 20.4585** is the 20% darker color. If you saturate the color by 10%, you get **50.2704, 47.1888, 31.8025**, and if you desaturate by 10%, it is **53.8355, 38.7909, 32.4620**.

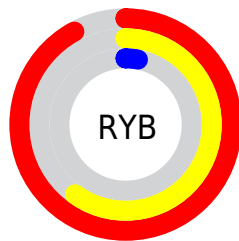
# Distribution



Red (92%)

Green (38%)

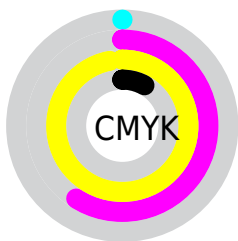
Blue (3%)



Red (92%)

Yellow (60%)

Blue (3%)

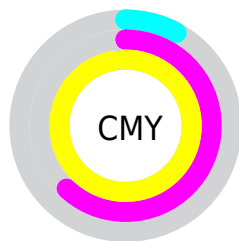


Cyan (0%)

Magenta (59%)

Yellow (97%)

Black (8%)



Cyan (8%)

Magenta (62%)

Yellow (97%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.0326, 45.2946, 32.0055 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 51.0326, 45.2946, 32.0055 by changing the saturation by 10% instead.



51.0326, 45.2946,  
32.0055

51.0326, 45.2946,  
32.0055

168.2265, 56.7448,  
68.8155

41.0574, 43.5188,  
27.0107

73.0391, 48.5003,  
41.2904

31.8319, 41.6431,  
22.2823

84.9886, 49.9458,  
45.6296

23.4244, 39.6948,  
16.3971

97.5269, 51.2925,  
49.8012

15.9240, 37.7770,  
11.1468

110.6275, 52.5466,  
53.8273

9.4577, 36.2501,  
6.6204

124.2672, 53.7137,  
57.7269

0.0000, INF, NaN

0.0000, NaN, NaN

138.4256, 54.7993,

61.5161

0.0000, NaN, NaN

153.0842, 55.8082,  
65.2084

0.0000, NaN, NaN

51.0326, 45.2946,  
32.0055

51.0326, 45.2946,  
32.0055

50.2704, 47.1888,  
31.8025

53.8355, 38.7909,  
32.4620

57.0175, 32.3860,  
32.0712

60.5529, 26.2397,  
30.8052

64.4103, 20.4496,  
28.7131

68.5582, 15.0651,  
25.8731

■ 72.9671, 10.1012,  
22.3719

■ 77.6099, 5.5505,  
18.2937

■ 82.4627, 1.3922,  
13.7144

■ 87.5044, -2.4016,  
8.7004

# Harmonies

## Analogous

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



51.0341, 75.9954, 21.7968



51.0326, 45.2946, 32.0055



51.0341, 6.3677, 34.2569

# Triad

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



51.0341, 45.2902, 32.0061



51.0341, -53.9710, 10.4542



51.0341, 25.8702, -99.5747

# Complementary

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



51.0326, 45.2946, 32.0055



51.5748, -2.4813, -58.6175

# 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.



51.0341, -11.2241, -111.0839



51.0326, 45.2946, 32.0055



51.0341, -51.3848, -28.5460

# Square

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



51.0341, 45.2902, 32.0061



51.0341, -46.0842, 28.4668



51.0341, -37.7024, -79.2389



51.0341, 62.8297, -53.9207



# Rectangle

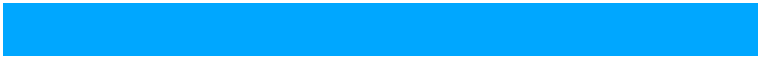
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



51.0326, 45.2946, 32.0055



51.0341, -16.5906, 34.1294



51.0341, -37.7024, -79.2389



51.0341, 12.7980, -108.4266

# Sweetspot

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



51.0341, 45.2902, 32.0061



84.0543, 7.1061, 21.0629



44.6538, 80.3556, -8.0586



37.8738, 4.2706, 10.6409

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



51.0341, 45.2902, 32.0061



55.0342, 52.0899, 34.8237



79.3627, -10.7889, 48.5638



40.0231, -0.6987, 4.6232



37.8093, 34.3951, 23.9001



11.4224, 7.5724, 7.1710

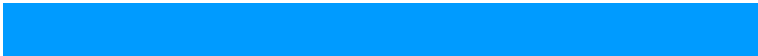


# Inverse Universe

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



51.5748, -2.4813, -58.6175



55.5103, -1.1665, -66.8648



26.7673, 57.4790, -156.5930



40.0966, -3.4130, -0.3750



38.1714, -1.5108, -44.4495



11.5337, -1.7764, -10.5814



# Previews

## White Background



This preview shows how the HunterLab color 51.0326, 45.2946, 32.0055 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 51.0326, 45.2946, 32.0055 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 51.0326, 45.2946, 32.0055 Background



This preview shows how black text looks on a background with the HunterLab color 51.0326, 45.2946, 32.0055.



This preview shows how white text looks on a background with the HunterLab color 51.0326, 45.2946, 32.0055.



# 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

51.0326, 45.2946, 32.0055

### Protanopia

51.0796, -6.7659, 30.3535

### Deuteranopia

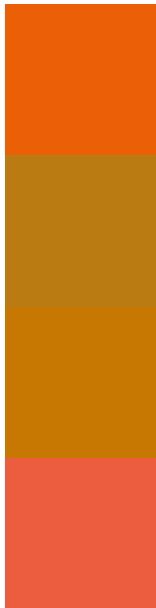
51.1099, 3.1747, 31.5492



## Tritanopia

50.9662, 52.8739, 19.7361

# Trichromacy



## Original Color

51.0326, 45.2946, 32.0055

## Protanomaly

49.8980, 11.2923, 30.2646

## Deuteranomaly

50.4433, 17.9594, 31.2961

## Tritanomaly

50.8390, 49.0750, 26.7015

# Monochromacy



## Original Color

51.0326, 45.2946, 32.0055

## Achromatopsia

46.0685, -2.4581, 2.5030

## Achromatomaly

46.0677, 10.5642, 18.0392

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 51.0326, 45.2946, 32.0055 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(235, 96, 7)` looks like.

```
.text, #text, p{  
    color:rgb(235, 96, 7)  
}
```

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(235, 96, 7) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 96, 7) }
```

## Border

The CSS property to change the border of an element to HunterLab 51.0326, 45.2946, 32.0055 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(235, 96, 7) }
```



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

```
.border{ border-color:rgb(235, 96, 7) }
```

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

Here you see how a box with a 4 pixel rgb(235, 96, 7) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 96, 7); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 96, 7);  
box-shadow:4px 4px 4px 4px rgb(235, 96, 7)  
}
```

# Background

The CSS property to change the background color of an element to HunterLab 51.0326, 45.2946, 32.0055 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 96, 7) }
```

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

```
.background{ background-color: rgb(235, 96,  
7) }
```

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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