

# Converting Colors

HunterLab(52.4513, 47.5349,  
33.1176)

Have a look what the booklet for  
HunterLab(52.4513, 47.5349,  
33.1176) contains.

<b>HunterLab(52.3725, 47.7401, 33.0750)</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(52.3725, 47.7401,  
33.0750)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F26101
RGB	242, 97, 1
RGB Percent	95%, 38%, 0%
CMY	0.0510, 0.6196, 0.9961
CMYK	0.00, 0.60, 1.00, 0.05
HSL	24°, 99%, 48%
HSV	24°, 100%, 95%
XYZ	40.8981, 27.4288, 3.1674
YIQ	129.4110, 117.2360, 0.8840

# Conversions

## Conversions Part 2

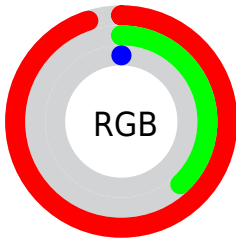
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	242, 161, 1
Decimal	15884545
CIE <sub>Lab</sub>	59.37, 52.61, 68.44
CIE <sub>LCh</sub>	59, 86.319, 52.451
Y <sub>xy</sub>	27.4304, 0.5720, 0.3837
Android (android.graphics.Color)	4294074625 (0xFFFF26101)
YUV	129.4110, -63.3066, 98.7406
Hunter-Lab	52.3725, 47.7401, 33.0750

# Details

The HunterLab color **52.3725, 47.7401, 33.0750** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark saturated orange. A complement of this color would be **51.9357, -0.4361, -63.9039**, and the grayscale version is **47.2256, -2.5198, 2.5659**.

A 20% lighter version of the original color is **66.4242, 27.4768, 36.6714**, and **33.0651, 44.2985, 21.1501** is the 20% darker color. If you saturate the color by 10%, you get **52.2656, 48.0056, 33.0462**, and if you desaturate by 10%, it is **55.1738, 41.0789, 33.7162**.

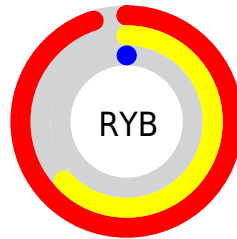
# Distribution



Red (95%)

Green (38%)

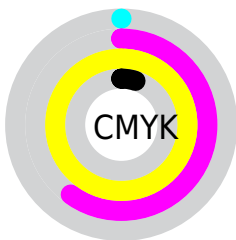
Blue (0%)



Red (95%)

Yellow (63%)

Blue (0%)

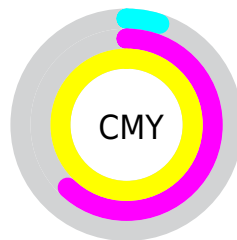


Cyan (0%)

Magenta (60%)

Yellow (100%)

Black (5%)



Cyan (5%)

Magenta (62%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 52.3725, 47.7401, 33.0750 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 52.3725, 47.7401, 33.0750 by changing the saturation by 10% instead.



52.3725, 47.7401,  
33.0750

52.3725, 47.7401,  
33.0750

170.2160, 59.6827,  
70.9189

42.3045, 45.9133,  
27.9580

74.5478, 51.0535,  
42.6078

32.9786, 43.9908,  
23.0850

86.5749, 52.5543,  
47.0686

24.4610, 42.0011,  
17.1227

99.1872, 53.9566,  
51.3589

16.8374, 40.0482,  
11.7862

112.3586, 55.2662,  
55.5006

10.2284, 38.4771,  
7.1599

126.0664, 56.4886,  
59.5126


0.0000, INF, NaN

0.0000, INF, NaN


140.2903, 57.6290,


63.4108


0.0000, NaN, NaN


 155.0123, 58.6923,  
67.2090


0.0000, NaN, NaN


 52.3725, 47.7401,  
33.0750

 52.3725, 47.7401,  
33.0750


 52.2656, 48.0056,  
33.0462

 55.1738, 41.0789,  
33.7162

 58.3581, 34.4680,  
33.5657

 61.9063, 28.1038,  
32.5004

 65.7877, 22.0967,  
30.5546

 69.9708, 16.5053,  
27.8018

■ 74.4257, 11.3505,  
24.3295

■ 79.1246, 6.6287,  
20.2250

■ 84.0428, 2.3204,  
15.5695

■ 89.1584, -1.6018,  
10.4345

# Harmonies

## Analogous

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



52.3740, 80.0532, 22.6064



52.3725, 47.7401, 33.0750



52.3740, 6.8363, 35.3152

# Triad

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



52.3740, 47.7355, 33.0757



52.3740, -56.1413, 10.9526



52.3740, 27.0889, -105.4708

# Complementary

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



52.3725, 47.7401, 33.0750



51.9357, -0.4361, -63.9039

# 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.



52.3740, -11.7814, -117.5796



52.3725, 47.7401, 33.0750



52.3740, -53.4987, -29.9591

# Square

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



52.3740, 47.7355, 33.0757



52.3740, -47.9536, 29.5334



52.3740, -39.3506, -83.6390



52.3740, 66.0178, -57.0776



# Rectangle

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



52.3725, 47.7401, 33.0750



52.3740, -17.2101, 35.1951



52.3740, -39.3506, -83.6390



52.3740, 13.3650, -114.8435

# Sweetspot

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



52.3740, 47.7355, 33.0757



83.7157, 7.2741, 21.6956



45.9223, 83.2895, -7.2901



37.7438, 4.3244, 10.9187

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



52.3740, 47.7355, 33.0757



55.3906, 51.1453, 35.0268



81.8005, -10.8258, 50.1946



40.9782, -0.7552, 4.7646



38.6324, 34.3362, 24.4062



11.9619, 7.8683, 7.5086



# Inverse Universe

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



51.9357, -0.4361, -63.9039



54.8988, -0.1250, -68.3488



27.0220, 61.5857, -166.5868



41.0010, -3.4517, -0.4224



38.3343, -0.7989, -46.1899



11.9013, -1.6111, -11.3975



# Previews

## White Background



This preview shows how the HunterLab color 52.3725, 47.7401, 33.0750 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 52.3725, 47.7401, 33.0750 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 52.3725, 47.7401, 33.0750 Background



This preview shows how black text looks on a background with the HunterLab color 52.3725, 47.7401, 33.0750.



This preview shows how white text looks on a background with the HunterLab color 52.3725, 47.7401,



# 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

52.3725, 47.7401, 33.0750

### Protanopia

52.6249, -7.1651, 31.3282

### Deuteranopia

52.3756, 3.2923, 32.3313



## Tritanopia

52.3354, 55.3310, 20.6806

# Trichromacy



## Original Color

52.3725, 47.7401, 33.0750

## Protanomaly

51.2762, 11.8073, 31.2361

## Deuteranomaly

51.5903, 19.0105, 32.1225

## Tritanomaly

52.1731, 51.4298, 28.0321

# Monochromacy



## Original Color

52.3725, 47.7401, 33.0750

## Achromatopsia

46.8536, -2.5000, 2.5456

## Achromatomaly

46.7737, 11.4983, 18.9043

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 52.3725, 47.7401, 33.0750 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(242, 97, 1)` looks like.

```
.text, #text, p{  
    color:rgb(242, 97, 1)  
}
```

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(242, 97, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 97, 1) }
```

## Border

The CSS property to change the border of an element to HunterLab 52.3725, 47.7401, 33.0750 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(242, 97, 1) }
```



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

```
.border{ border-color:rgb(242, 97, 1) }
```

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

Here you see how a box with a 4 pixel rgb(242, 97, 1) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 97, 1); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 97, 1);  
box-shadow:4px 4px 4px 4px rgb(242, 97, 1)  
}
```

# Background

The CSS property to change the background color of an element to HunterLab 52.3725, 47.7401, 33.0750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 97, 1) }
```

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

```
.background{ background-color: rgb(242, 97,  
1) }
```

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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