

Converting Colors

HunterLab(53.2173, 42.4209,
32.9440)

Have a look what the booklet for
HunterLab(53.2173, 42.4209,
32.9440) contains.

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Color

**HunterLab(53.2173, 42.4209,
32.9440)**

Conversions

Conversions Part 1

Format	Color
Hex	EE6911
RGB	238, 105, 17
RGB Percent	93%, 41%, 7%
CMY	0.0667, 0.5882, 0.9333
CMYK	0.00, 0.56, 0.93, 0.07
HSL	24°, 87%, 50%
HSV	24°, 93%, 93%
XYZ	40.4127, 28.3208, 3.8669
YIQ	134.7350, 107.5160, 0.8280

Conversions

Conversions Part 2

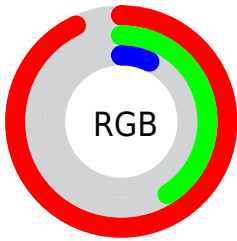
Format	Color
R_{YB}	238, 163, 17
Decimal	15624465
CIE _{Lab}	60.18, 47.62, 65.60
CIE _{LCh}	60, 81.064, 54.022
Yxy	28.3224, 0.5566, 0.3901
Android (android.graphics.Color)	4293814545 (0xFFEE6911)
YUV	134.7350, -58.0434, 90.5634
Hunter-Lab	53.2173, 42.4209, 32.9440

Details

The HunterLab color **53.2173, 42.4209, 32.9440** 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 **53.0131, -3.3107, -57.8572**, and the grayscale version is **49.3115, -2.6311, 2.6792**.

A 20% lighter version of the original color is **68.2380, 24.2146, 36.6881**, and **33.8447, 39.3104, 21.5432** is the 20% darker color. If you saturate the color by 10%, you get **51.3039, 47.0634, 32.4371**, and if you desaturate by 10%, it is **56.2213, 35.8904, 33.0780**.

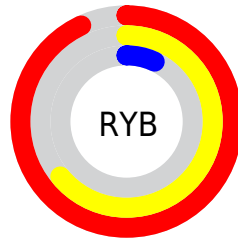
Distribution



Red (93%)

Green (41%)

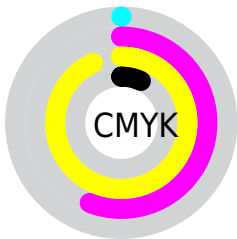
Blue (7%)



Red (93%)

Yellow (64%)

Blue (7%)

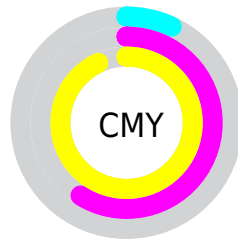


Cyan (0%)

Magenta (56%)

Yellow (93%)

Black (7%)



Cyan (7%)

Magenta (59%)


Yellow (93%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 53.2173, 42.4209, 32.9440 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 53.2173, 42.4209, 32.9440 by changing the saturation by 10% instead.

 53.2173, 42.4209,
32.9440


 53.2173, 42.4209,
32.9440


171.4655, 52.8088,
69.2859


 43.0916, 40.7683,
28.0275


 75.4975, 45.3752,
42.0873


 33.7033, 39.0066,
23.1405


 87.5730, 46.6969,
46.3654


 25.1176, 37.1474,
17.5823


 100.2314, 47.9222,
50.4818

 17.4179, 35.2528,
12.1925

 113.4470, 49.0576,
54.4580

 10.7211, 33.5443,
7.5048

 127.1973, 50.1089,
58.3122

 1.4073, 153.4321,
0.9851

 141.4621, 51.0814,

0.0000, INF, NaN

62.0598

0.0000, NaN, NaN

156.2236, 51.9799,
65.7140

0.0000, NaN, NaN

53.2173, 42.4209,
32.9440

53.2173, 42.4209,
32.9440

51.3039, 47.0634,
32.4371

56.2213, 35.8904,
33.0780

59.5892, 29.5574,
32.3194

63.2935, 23.5458,
30.6820

67.3034, 17.9274,
28.2288

71.5888, 12.7332,
25.0428

■ 76.1218, 7.9663,
21.2108

■ 80.8772, 3.6118,
16.8144

■ 85.8327, -0.3553,
11.9269

■ 90.9687, -3.9647,
6.6117

Harmonies

Analogous

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



53.2188, 73.0463, 22.8315



53.2173, 42.4209, 32.9440



53.2188, 4.3028, 35.2747

Triad

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



53.2188, 42.4165, 32.9447



53.2188, -54.3572, 9.1054



53.2188, 27.2077, -94.1177

Complementary

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



53.2173, 42.4209, 32.9440



53.0131, -3.3107, -57.8572

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.



53.2188, -9.6296, -107.1530



53.2173, 42.4209, 32.9440



53.2188, -51.1847, -30.0506

Square

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



53.2188, 42.4165, 32.9447



53.2188, -46.8666, 28.3556



53.2188, -36.7059, -78.5739



53.2188, 62.8045, -49.6627

Rectangle

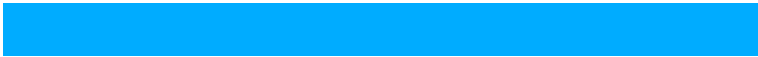
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



53.2173, 42.4209, 32.9440



53.2188, -18.0952, 35.0346



53.2188, -36.7059, -78.5739



53.2188, 14.3486, -103.1548

Sweetspot

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



53.2188, 42.4165, 32.9447



84.7391, 6.3242, 20.7516



45.7028, 81.0648, -9.6760



38.1846, 3.8906, 10.5260

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



53.2188, 42.4165, 32.9447



55.3836, 51.1638, 35.0228



80.8782, -11.4141, 49.2480



40.9777, -0.7544, 4.7641



38.6275, 34.3489, 24.4034



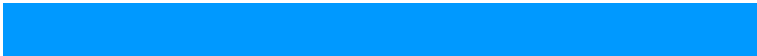
11.9605, 7.8717, 7.5078

Inverse Universe

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



53.0131, -3.3107, -57.8572



54.9107, -0.1454, -68.3197



28.2925, 54.7142, -151.1186



41.0015, -3.4525, -0.4217



38.3424, -0.8127, -46.1704



11.9034, -1.6144, -11.3930

Previews

White Background



This preview shows how the HunterLab color 53.2173, 42.4209, 32.9440 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 53.2173, 42.4209, 32.9440 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 53.2173, 42.4209, 32.9440 Background



This preview shows how black text looks on a background with the HunterLab color 53.2173, 42.4209, 32.9440.



This preview shows how white text looks on a background with the HunterLab color 53.2173, 42.4209, 32.9440.

32.9440.

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

53.2173, 42.4209, 32.9440

Protanopia

53.4219, -7.2470, 31.5014

Deuteranopia

53.2610, 3.5008, 32.8804



Tritanopia

53.3251, 51.0945, 19.1914

Trichromacy



Original Color

53.2173, 42.4209, 32.9440

Protanomaly

52.3251, 10.0134, 31.3757

Deuteranomaly

52.6994, 17.5044, 32.5857

Tritanomaly

53.1982, 47.0188, 26.7707

Monochromacy



Original Color

53.2173, 42.4209, 32.9440

Achromatopsia

49.2221, -2.6264, 2.6743

Achromatomaly

48.9476, 9.7142, 18.0667

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 53.2173, 42.4209, 32.9440 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(238, 105, 17)` looks like.

```
.text, #text, p{  
    color:rgb(238, 105, 17)  
}
```

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(238, 105, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 105, 17) }
```

Border

The CSS property to change the border of an element to HunterLab 53.2173, 42.4209, 32.9440 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(238, 105, 17) }
```


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

```
.border{ border-color:rgb(238, 105, 17) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 105, 17)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 105, 17); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 105, 17);  
box-shadow:4px 4px 4px 4px rgb(238, 105,  
17) }
```

Background

The CSS property to change the background color of an element to HunterLab 53.2173, 42.4209, 32.9440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 105, 17) }
```

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

```
.background{ background-color: rgb(238,  
105, 17) }
```

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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