

# Converting Colors

HunterLab(59.3829, 23.6830,  
35.7769)

Have a look what the booklet for  
HunterLab(59.3829, 23.6830,  
35.7769) contains.

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# Color

**HunterLab(59.5202, 23.6010,  
35.8657)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E88A1E
RGB	232, 138, 30
RGB Percent	91%, 54%, 12%
CMY	0.0902, 0.4588, 0.8823
CMYK	0.00, 0.41, 0.87, 0.09
HSL	32°, 81%, 51%
HSV	32°, 87%, 91%
XYZ	42.6016, 35.4265, 5.8210
YIQ	153.7940, 90.6920, -13.6600

# Conversions

## Conversions Part 2

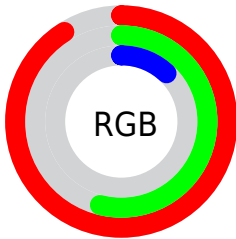
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	206, 232, 30
Decimal	15239710
CIE Lab	66.08, 28.85, 66.17
CIE LCh	66, 72.190, 66.442
Yxy	35.4284, 0.5081, 0.4225
Android (android.graphics.Color)	4293429790 (0xFFE88A1E)
YUV	153.7940, -61.0304, 68.5867
Hunter-Lab	59.5202, 23.6010, 35.8657

# Details

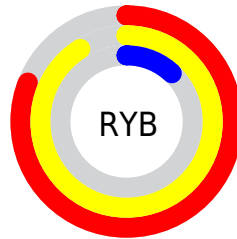
The HunterLab color **59.5202, 23.6010, 35.8657** is a dark color, and the websafe version is hex **FF9933**. The color can be described as dark washed orange. A complement of this color would be **45.2955, 8.6449, -71.8683**, and the grayscale version is **56.9774, -3.0402, 3.0957**.

A 20% lighter version of the original color is **77.2317, 7.7012, 40.8025**, and **39.1949, 22.4272, 24.5444** is the 20% darker color. If you saturate the color by 10%, you get **56.9246, 28.7352, 35.3762**, and if you desaturate by 10%, it is **62.3274, 18.7778, 35.5070**.

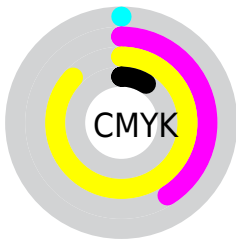
# Distribution



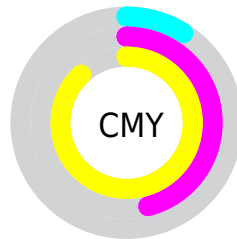
- Red (91%)
- Green (54%)
- Blue (12%)



- Red (81%)
- Yellow (91%)
- Blue (12%)



- Cyan (0%)
- Magenta (41%)
- Yellow (87%)
- Black (9%)



- Cyan (9%)
- Magenta (46%)
- Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 59.5202, 23.6010, 35.8657 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 59.5202, 23.6010, 35.8657 by changing the saturation by 10% instead.



59.5202, 23.6010,  
35.8657

59.5202, 23.6010,  
35.8657

180.6807, 27.5327,  
71.7682

48.9827, 22.7533,  
31.0562

82.5524, 24.9899,  
44.8368

39.1516, 21.7958,  
26.0005

94.9752, 25.5567,  
49.0499

30.0836, 20.7114,  
21.0585

107.9653, 26.0471,  
53.1129

21.8494, 19.4866,  
15.2946

121.4990, 26.4669,  
57.0454

14.5439, 18.1163,  
10.1808

135.5553, 26.8212,  
60.8641

8.2048, 17.2041,  
5.7434

150.1153, 27.1145,

0.0000, INF, NaN

64.5832

0.0000, NaN, NaN

165.1622, 27.3505,  
68.2144

0.0000, NaN, NaN

■ 59.5202, 23.6010,  
35.8657

■ 59.5202, 23.6010,  
35.8657

■ 56.9246, 28.7352,  
35.3762

■ 62.3274, 18.7778,  
35.5070

■ 56.1981, 30.2658,  
35.1589

■ 65.3342, 14.3429,  
34.2376

■ 68.5312, 10.3244,  
32.0652

■ 71.9064, 6.7325,  
29.0281

■ 75.4476, 3.5630,  
25.1811

■ 79.1427, 0.8017,  
20.5857

■ 82.9805, -1.5716,  
15.3049

■ 86.9504, -3.5801,  
9.3994

■ 91.0427, -5.2488,  
2.9264

# Harmonies

## Analogous

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



59.5218, 55.1585, 28.6544



59.5202, 23.6010, 35.8657



59.5218, -9.9566, 37.0579

# Triad

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



59.5218, 23.5973, 35.8663



59.5218, -52.9918, -3.7419



59.5218, 38.1696, -66.1330

# Complementary

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



59.5202, 23.6010, 35.8657



45.2955, 8.6449, -71.8683

# 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.



59.5218, 3.9159, -89.8153



59.5202, 23.6010, 35.8657



59.5218, -45.1913, -43.3422

# Square

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



59.5218, 23.5973, 35.8663



59.5218, -49.9050, 22.2766



59.5218, -25.9257, -79.7952



59.5218, 64.7431, -25.3803



# Rectangle

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



59.5202, 23.6010, 35.8657



59.5218, -28.2794, 35.5046



59.5218, -25.9257, -79.7952



59.5218, 26.9230, -77.1219

# Sweetspot

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



59.5218, 23.5973, 35.8663



88.4944, 0.6282, 22.3993



44.2114, 73.6212, 2.8397



40.2679, 0.7560, 11.2403

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



59.5218, 23.5973, 35.8663



62.4221, 34.0044, 39.0595



85.9401, -25.3056, 51.6652



39.5446, -1.4409, 4.9941



42.1760, 21.8707, 26.3716



12.2476, 4.2662, 7.6216



# Inverse Universe

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



45.2955, 8.6449, -71.8683



45.0912, 18.4972, -96.2902



26.7272, 58.6380, -151.8599



38.7132, -2.5839, -0.9157



30.7085, 11.2696, -62.7108



9.3876, 1.0397, -13.9781



# Previews

## White Background



This preview shows how the HunterLab color 59.5202, 23.6010, 35.8657 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 59.5202, 23.6010, 35.8657 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 59.5202, 23.6010, 35.8657 Background



This preview shows how black text looks on a background with the HunterLab color 59.5202, 23.6010, 35.8657.



This preview shows how white text looks on a background with the HunterLab color 59.5202, 23.6010,



# 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

59.5202, 23.6010, 35.8657

### Protanopia

59.5322, -7.8755, 34.8833

### Deuteranopia

59.6037, 3.9171, 36.1832



## Tritanopia

59.6154, 37.4861, 13.4775

# Trichromacy



## Original Color

59.5202, 23.6010, 35.8657

## Protanomaly

59.3105, 3.0451, 35.0873

## Deuteranomaly

59.6136, 10.8846, 36.1180

## Tritanomaly

59.2162, 31.3084, 25.2177

# Monochromacy



## Original Color

59.5202, 23.6010, 35.8657

## Achromatopsia

56.8457, -3.0331, 3.0885

## Achromatomaly

56.7706, 3.2843, 19.9292

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 59.5202, 23.6010, 35.8657 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(232, 138, 30)` looks like.

```
.text, #text, p{  
    color:rgb(232, 138, 30)  
}
```

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(232, 138, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 138, 30) }
```

## Border

The CSS property to change the border of an element to HunterLab 59.5202, 23.6010, 35.8657 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(232, 138, 30) }
```



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

```
.border{ border-color:rgb(232, 138, 30) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 138, 30)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 138, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 138, 30);  
box-shadow:4px 4px 4px 4px rgb(232, 138,  
30) }
```

# Background

The CSS property to change the background color of an element to HunterLab 59.5202, 23.6010, 35.8657 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 138, 30) }
```

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

```
.background{ background-color: rgb(232,  
138, 30) }
```

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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