

Converting Colors

HunterLab(60.1238, 25.3851,
36.0453)

Have a look what the booklet for
HunterLab(60.1238, 25.3851,
36.0453) contains.

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Color

**HunterLab(60.0996, 25.3753,
36.0579)**

Conversions

Conversions Part 1

Format	Color
Hex	EC8A21
RGB	236, 138, 33
RGB Percent	93%, 54%, 13%
CMY	0.0745, 0.4588, 0.8706
CMYK	0.00, 0.42, 0.86, 0.07
HSL	31°, 84%, 53%
HSV	31°, 86%, 93%
XYZ	43.9551, 36.1196, 6.0939
YIQ	155.3320, 92.1130, -11.8790

Conversions

Conversions Part 2

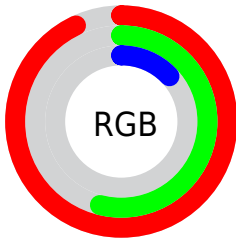
Format	Color
R _Y B	222, 236, 33
Decimal	15501857
CIE Lab	66.61, 30.57, 65.93
CIE LCh	67, 72.673, 65.123
Yxy	36.1215, 0.5101, 0.4192
Android (android.graphics.Color)	4293691937 (0xFFEC8A21)
YUV	155.3320, -60.3097, 70.7458
Hunter-Lab	60.0996, 25.3753, 36.0579

Details

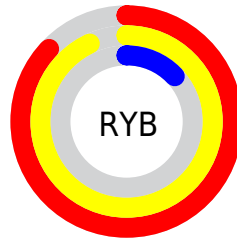
The HunterLab color **60.0996, 25.3753, 36.0579** is a dark color, and the websafe version is hex **FF9933**. The color can be described as middle washed orange. A complement of this color would be **47.5511, 6.4402, -69.5334**, and the grayscale version is **57.5993, -3.0734, 3.1295**.

A 20% lighter version of the original color is **77.2532, 7.8155, 40.4863**, and **39.7682, 24.0530, 24.9260** is the 20% darker color. If you saturate the color by 10%, you get **57.3870, 30.7812, 35.6215**, and if you desaturate by 10%, it is **63.0442, 20.2862, 35.6108**.

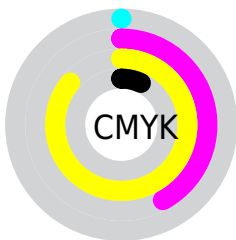
Distribution



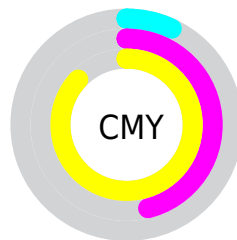
- Red (93%)
- Green (54%)
- Blue (13%)



- Red (87%)
- Yellow (93%)
- Blue (13%)



- Cyan (0%)
- Magenta (42%)
- Yellow (86%)
- Black (7%)



- Cyan (7%)
- Magenta (46%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 60.0996, 25.3753, 36.0579 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 60.0996, 25.3753, 36.0579 by changing the saturation by 10% instead.

60.0996, 25.3753,
36.0579

60.0996, 25.3753,
36.0579

181.5190, 29.8478,
71.7816

49.5258, 24.4596,
31.2766

83.1983, 26.8951,
44.9782

39.6558, 23.4330,
26.2490

95.6520, 27.5250,
49.1687

30.5456, 22.2790,
21.3819

108.6716, 28.0768,
53.2109

22.2649, 20.9859,
15.5854

122.2336, 28.5565,
57.1241

14.9071, 19.5532,
10.4350

136.3171, 28.9692,
60.9249

8.5561, 18.3253,
5.9893

150.9034, 29.3195,

0.0000, INF, NaN

64.6271

0.0000, NaN, NaN

165.9757, 29.6112,
68.2427

0.0000, NaN, NaN

■ 60.0996, 25.3753,
36.0579

■ 60.0996, 25.3753,
36.0579

■ 57.3870, 30.7812,
35.6215

■ 63.0442, 20.2862,
35.6108

■ 56.3651, 32.9774,
35.3092

■ 66.2057, 15.5926,
34.2366

■ 69.5726, 11.3243,
31.9520

■ 73.1307, 7.4917,
28.8033

■ 76.8659, 4.0897,
24.8513

■ 80.7646, 1.1029,
20.1622

■ 84.8143, -1.4904,
14.8022

■ 89.0033, -3.7151,
8.8342

■ 93.3209, -5.5975,
2.3165

Harmonies

Analogous

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



60.1012, 56.8508, 28.3914



60.0996, 25.3753, 36.0579



60.1012, -8.6843, 37.4551

Triad

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



60.1012, 25.3715, 36.0585



60.1012, -53.6080, -2.2774



60.1012, 37.0915, -68.3940

Complementary

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



60.0996, 25.3753, 36.0579



47.5511, 6.4402, -69.5334

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.



60.1012, 2.4674, -91.0312



60.0996, 25.3753, 36.0579



60.1012, -46.2235, -41.9088

Square

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



60.1012, 25.3715, 36.0585



60.1012, -50.0087, 23.2757



60.1012, -27.2822, -79.3938



60.1012, 64.5619, -27.4568

Rectangle

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



60.0996, 25.3753, 36.0579



60.1012, -27.4859, 36.0273



60.1012, -27.2822, -79.3938



60.1012, 25.6592, -79.1625

Sweetspot

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



60.1012, 25.3715, 36.0585



88.1440, 1.2328, 22.0662



45.3460, 75.1111, 1.1262



40.0857, 1.0727, 11.0718

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



60.1012, 25.3715, 36.0585



61.4299, 36.2688, 38.4878



87.9542, -24.5437, 52.7971



40.4264, -1.3799, 5.0596



42.1585, 23.7728, 26.3940



12.6024, 4.9344, 7.8519

Inverse Universe

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



47.5511, 6.4402, -69.5334



46.2708, 16.0283, -92.4350



27.4337, 58.8638, -153.5705



39.6850, -2.7388, -0.8763



31.9677, 9.8676, -61.2582



9.9715, 0.8343, -14.2646

Previews

White Background



This preview shows how the HunterLab color 60.0996, 25.3753, 36.0579 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 60.0996, 25.3753, 36.0579 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 60.0996, 25.3753, 36.0579 Background



This preview shows how black text looks on a background with the HunterLab color 60.0996, 25.3753, 36.0579.



This preview shows how white text looks on a background with the HunterLab color 60.0996, 25.3753,

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

60.0996, 25.3753, 36.0579

Protanopia

60.3392, -7.9945, 35.1547

Deuteranopia

60.1234, 4.2686, 36.3740



Tritanopia

60.1966, 39.1049, 14.0948

Trichromacy



Original Color

60.0996, 25.3753, 36.0579

Protanomaly

59.8342, 3.4227, 35.1951

Deuteranomaly

59.8776, 11.7602, 36.1345

Tritanomaly

59.8108, 33.0559, 25.4822

Monochromacy



Original Color

60.0996, 25.3753, 36.0579

Achromatopsia

57.2519, -3.0548, 3.1106

Achromatomaly

57.3000, 3.7217, 19.8120

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 60.0996, 25.3753, 36.0579 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(236, 138, 33)` looks like.

```
.text, #text, p{  
    color:rgb(236, 138, 33)  
}
```

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(236, 138, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 138, 33) }
```

Border

The CSS property to change the border of an element to HunterLab 60.0996, 25.3753, 36.0579 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(236, 138, 33) }
```


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

```
.border{ border-color:rgb(236, 138, 33) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 138, 33)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 138, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 138, 33);  
box-shadow:4px 4px 4px 4px rgb(236, 138,  
33) }
```

Background

The CSS property to change the background color of an element to HunterLab 60.0996, 25.3753, 36.0579 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 138, 33) }
```

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

```
.background{ background-color: rgb(236,  
138, 33) }
```

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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