

Converting Colors

HunterLab(61.6332, 21.2441,
37.3814)

Have a look what the booklet for
HunterLab(61.6332, 21.2441,
37.3814) contains.

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Color

**HunterLab(61.6377, 21.2477,
37.3554)**

Conversions

Conversions Part 1

Format	Color
Hex	EB911B
RGB	235, 145, 27
RGB Percent	92%, 57%, 11%
CMY	0.0784, 0.4313, 0.8941
CMYK	0.00, 0.38, 0.89, 0.08
HSL	34°, 84%, 51%
HSV	34°, 89%, 92%
XYZ	44.5841, 37.9921, 6.0203
YIQ	158.4580, 91.5180, -17.6180

Conversions

Conversions Part 2

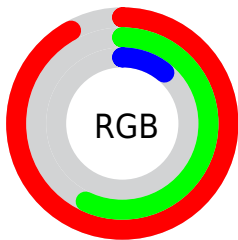
Format	Color
RYB	186, 235, 27
Decimal	15438107
CIELab	68.02, 26.36, 68.66
CIElCh	68, 73.545, 68.999
Yxy	37.9940, 0.5032, 0.4288
Android (android.graphics.Color)	4293628187 (0xFFEB911B)
YUV	158.4580, -64.8088, 67.1273
Hunter-Lab	61.6377, 21.2477, 37.3554

Details

The HunterLab color **61.6377, 21.2477, 37.3554** 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 **43.5356, 13.2299, -79.9807**, and the grayscale version is **58.8916, -3.1423, 3.1997**.

A 20% lighter version of the original color is **79.2330, 4.0447, 42.3057**, and **41.0970, 20.3175, 25.6795** is the 20% darker color. If you saturate the color by 10%, you get **59.1209, 26.1284, 36.7864**, and if you desaturate by 10%, it is **64.3409, 16.6789, 37.1048**.

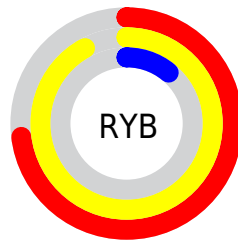
Distribution



Red (92%)

Green (57%)

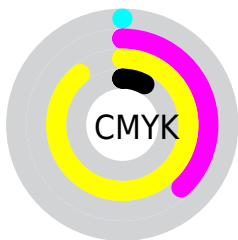
Blue (11%)



Red (73%)

Yellow (92%)

Blue (11%)

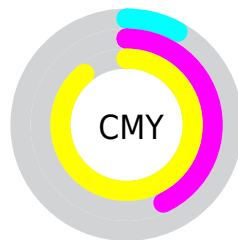


Cyan (0%)

Magenta (38%)

Yellow (89%)

Black (8%)



Cyan (8%)

Magenta (43%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 61.6377, 21.2477, 37.3554 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 61.6377, 21.2477, 37.3554 by changing the saturation by 10% instead.

61.6377, 21.2477,
37.3554

61.6377, 21.2477,
37.3554

183.7374, 24.2167,
74.2203

50.9687, 20.5291,
32.4339

84.9111, 22.3945,
46.5529

40.9966, 19.7065,
27.2690

97.4458, 22.8475,
50.8778

31.7760, 18.7625,
22.2432

110.5429, 23.2282,
55.0507

23.3740, 17.6814,
16.3618

124.1793, 23.5422,
59.0909

15.8797, 16.4494,
11.1158

138.3344, 23.7942,
63.0150

9.4204, 15.0773,
6.5943

152.9899, 23.9883,

0.0000, INF, NaN

66.8368

0.0000, NaN, NaN

168.1292, 24.1281,
70.5685

0.0000, NaN, NaN

■ 61.6377, 21.2477,
37.3554

■ 61.6377, 21.2477,
37.3554

■ 59.1209, 26.1284,
36.7864

■ 64.3409, 16.6789,
37.1048

■ 58.7583, 26.8667,
36.6769

■ 67.2238, 12.5052,
35.9270

■ 70.2804, 8.7536,
33.8143

■ 73.5015, 5.4346,
30.7933

■ 76.8773, 2.5450,
26.9101

80.3979, 0.0725,
22.2204

84.0537, -2.0014,
16.7839

87.8357, -3.6985,
10.6602

91.7352, -5.0424,
3.9066

Harmonies

Analogous

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



61.6393, 54.4493, 30.6083



61.6377, 21.2477, 37.3554



61.6393, -12.9449, 38.2170

Triad

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



61.6393, 21.2440, 37.3560



61.6393, -54.4429, -6.8979



61.6393, 42.1458, -64.7773

Complementary

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



61.6377, 21.2477, 37.3554



43.5356, 13.2299, -79.9807

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.



61.6393, 6.9936, -91.5446



61.6377, 21.2477, 37.3554



61.6393, -45.4039, -48.2709

Square

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



61.6393, 21.2440, 37.3560



61.6393, -52.2090, 21.3639



61.6393, -24.5046, -84.2847



61.6393, 68.1792, -22.5581

Rectangle

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



61.6377, 21.2477, 37.3554



61.6393, -31.2390, 36.3102



61.6393, -24.5046, -84.2847



61.6393, 30.7366, -76.6792

Sweetspot

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



61.6393, 21.2440, 37.3560



88.7558, -0.2619, 23.5983



44.4227, 74.4369, 6.1578



40.4384, 0.2762, 11.7965

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



61.6393, 21.2440, 37.3560



64.3505, 29.7277, 40.1729



86.5380, -28.1652, 52.1206



40.5862, -1.6480, 5.2315



44.1290, 19.4072, 27.5319



13.1141, 3.8814, 8.1488

Inverse Universe

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



43.5356, 13.2299, -79.9807



42.9458, 23.1925, -103.7443



26.9278, 60.9047, -155.3961



39.5233, -2.4722, -1.0747



29.7233, 14.6072, -68.6844



9.3898, 1.9146, -15.8694

Previews

White Background



This preview shows how the HunterLab color 61.6377, 21.2477, 37.3554 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 61.6377, 21.2477, 37.3554 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 61.6377, 21.2477, 37.3554 Background



This preview shows how black text looks on a background with the HunterLab color 61.6377, 21.2477, 37.3554.



This preview shows how white text looks on a background with the HunterLab color 61.6377, 21.2477, 37.3554.

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

61.6377, 21.2477, 37.3554

Protanopia

61.8967, -8.5767, 36.6121

Deuteranopia

61.7979, 4.1894, 37.7193



Tritanopia

61.5610, 36.4056, 12.7711

Trichromacy



Original Color

61.6377, 21.2477, 37.3554

Protanomaly

61.4268, 1.6116, 36.6279

Deuteranomaly

61.5545, 10.3687, 37.5177

Tritanomaly

61.3202, 29.1863, 26.1420

Monochromacy



Original Color

61.6377, 21.2477, 37.3554

Achromatopsia

58.4734, -3.1200, 3.1770

Achromatomaly

58.6066, 2.3803, 21.2309

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 61.6377, 21.2477, 37.3554 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, 145, 27)` looks like.

```
.text, #text, p{  
    color:rgb(235, 145, 27)  
}
```

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, 145, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 145, 27) }
```

Border

The CSS property to change the border of an element to HunterLab 61.6377, 21.2477, 37.3554 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, 145, 27) }
```


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

```
.border{ border-color:rgb(235, 145, 27) }
```

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

Here you see how a box with a 4 pixel rgb(235, 145, 27) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 145, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 145, 27);  
box-shadow:4px 4px 4px 4px rgb(235, 145,  
27) }
```

Background

The CSS property to change the background color of an element to HunterLab 61.6377, 21.2477, 37.3554 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 145, 27) }
```

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

```
.background{ background-color: rgb(235,  
145, 27) }
```

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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