

Converting Colors

HunterLab(63.8353, 19.3988,
37.1292)

Have a look what the booklet for
HunterLab(63.8353, 19.3988,
37.1292) contains.

HunterLab(63.9053, 19.4494, 37.2235)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(63.9053, 19.4494,
37.2235)**

Conversions

Conversions Part 1

Format	Color
Hex	EE982F
RGB	238, 152, 47
RGB Percent	93%, 60%, 18%
CMY	0.0667, 0.4039, 0.8157
CMYK	0.00, 0.36, 0.80, 0.07
HSL	33°, 85%, 56%
HSV	33°, 80%, 93%
XYZ	47.0012, 40.8389, 8.0948
YIQ	165.7440, 84.9610, -14.4230

Conversions

Conversions Part 2

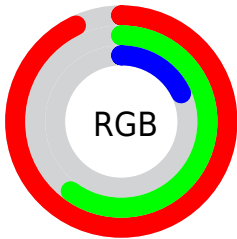
Format	Color
R _{YB}	203, 238, 47
Decimal	15636527
CIE Lab	70.06, 24.43, 64.29
CIE LCh	70, 68.772, 69.195
Yxy	40.8410, 0.4899, 0.4257
Android (android.graphics.Color)	4293826607 (0xFFEE982F)
YUV	165.7440, -58.5408, 63.3685
Hunter-Lab	63.9053, 19.4494, 37.2235

Details

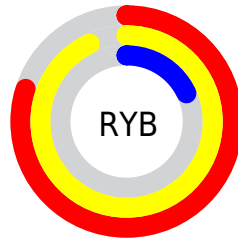
The HunterLab color **63.9053, 19.4494, 37.2235** is a dark color, and the websafe version is hex **FF9933**. The color can be described as middle washed orange. A complement of this color would be **48.5299, 6.9969, -68.7965**, and the grayscale version is **61.8563, -3.3005, 3.3608**.

A 20% lighter version of the original color is **81.4507, 1.3563, 41.2511**, and **43.0552, 18.1762, 26.8486** is the 20% darker color. If you saturate the color by 10%, you get **61.1355, 24.3554, 37.3012**, and if you desaturate by 10%, it is **66.8770, 14.9209, 36.2147**.

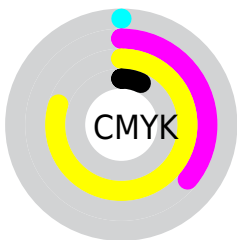
Distribution



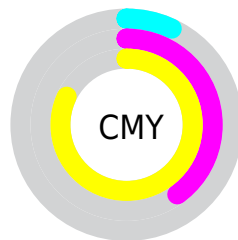
- Red (93%)
- Green (60%)
- Blue (18%)



- Red (80%)
- Yellow (93%)
- Blue (18%)



- Cyan (0%)
- Magenta (36%)
- Yellow (80%)
- Black (7%)



- Cyan (7%)
- Magenta (40%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 63.9053, 19.4494, 37.2235 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 63.9053, 19.4494, 37.2235 by changing the saturation by 10% instead.

63.9053, 19.4494,
37.2235

63.9053, 19.4494,
37.2235

186.9908, 21.6429,
71.7775

53.0988, 18.8364,
32.6274

87.4314, 20.3997,
45.8118

42.9798, 18.1250,
27.7925

100.0832, 20.7607,
49.8553

33.6003, 17.2980,
22.9294

113.2926, 21.0531,
53.7615

25.0242, 16.3393,
17.5170

127.0368, 21.2820,
57.5486

17.3353, 15.2312,
12.1347

141.2959, 21.4518,
61.2318

10.6508, 13.9661,
7.4556

156.0518, 21.5664,

0.8441, 126.0452,

64.8240

0.5909

171.2883, 21.6291,
68.3361

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 63.9053, 19.4494,
37.2235

■ 63.9053, 19.4494,
37.2235

■ 61.1355, 24.3554,
37.3012

■ 66.8770, 14.9209,
36.2147

■ 58.6240, 29.4165,
36.6388


■ 70.0367, 10.8198,
34.2602


■ 73.3753, 7.1579,
31.3876


■ 76.8815, 3.9343,
27.6454


■ 80.5439, 1.1374,

23.0927

 84.3515, -1.2514,
17.7926

 88.2941, -3.2546,
11.8074

 92.3621, -4.8970,
5.1968

 96.3363, -7.3606,
1.0069

Harmonies

Analogous

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



63.9069, 50.3551, 30.1485



63.9053, 19.4494, 37.2235



63.9069, -12.7666, 38.1481

Triad

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



63.9069, 19.4457, 37.2242



63.9069, -52.7100, -6.3834



63.9069, 39.3333, -58.8562

Complementary

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



63.9053, 19.4494, 37.2235



48.5299, 6.9969, -68.7965

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.



63.9069, 6.5109, -83.0034



63.9053, 19.4494, 37.2235



63.9069, -43.7533, -44.4264

Square

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



63.9069, 19.4457, 37.2242



63.9069, -50.5777, 20.6829



63.9069, -23.4518, -76.7295



63.9069, 63.2880, -20.4335

Rectangle

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



63.9053, 19.4494, 37.2235



63.9069, -30.2474, 36.0263



63.9069, -23.4518, -76.7295



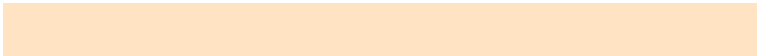
63.9069, 28.7404, -69.5882

Sweetspot

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



63.9069, 19.4457, 37.2242



89.6261, -0.4123, 21.5342



46.8954, 72.9649, 0.6615



40.7853, 0.2410, 10.9035

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



63.9069, 19.4457, 37.2242



64.3948, 29.7553, 39.9310



88.5710, -25.5201, 52.3297



41.4723, -1.5885, 5.2983



44.0865, 21.3131, 27.5390



13.4736, 4.5385, 8.3818

Inverse Universe

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



48.5299, 6.9969, -68.7965



45.6282, 17.7346, -94.5084



29.9555, 54.4611, -140.6878



40.4978, -2.6262, -1.0364



30.9499, 13.1854, -67.1483



9.9642, 1.7206, -16.1687

Previews

White Background



This preview shows how the HunterLab color 63.9053, 19.4494, 37.2235 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 63.9053, 19.4494, 37.2235 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 63.9053, 19.4494, 37.2235 Background



This preview shows how black text looks on a background with the HunterLab color 63.9053, 19.4494, 37.2235.



This preview shows how white text looks on a background with the HunterLab color 63.9053, 19.4494,

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

63.9053, 19.4494, 37.2235

Protanopia

63.9996, -8.4948, 36.2778

Deuteranopia

64.0004, 4.6763, 37.4893



Tritanopia

63.9110, 35.2010, 12.4399

Trichromacy



Original Color

63.9053, 19.4494, 37.2235

Protanomaly

63.7933, 1.1960, 36.5255

Deuteranomaly

63.8948, 9.9686, 37.3350

Tritanomaly

63.7573, 28.2242, 24.9769

Monochromacy



Original Color

63.9053, 19.4494, 37.2235

Achromatopsia

61.7516, -3.2949, 3.3551

Achromatomaly

61.7465, 1.9645, 20.0889

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 63.9053, 19.4494, 37.2235 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, 152, 47)` looks like.

```
.text, #text, p{  
    color:rgb(238, 152, 47)  
}
```

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, 152, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 152, 47) }
```

Border

The CSS property to change the border of an element to HunterLab 63.9053, 19.4494, 37.2235 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, 152, 47) }
```


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

```
.border{ border-color:rgb(238, 152, 47) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 152, 47)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 152, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 152, 47);  
box-shadow:4px 4px 4px 4px rgb(238, 152,  
47) }
```

Background

The CSS property to change the background color of an element to HunterLab 63.9053, 19.4494, 37.2235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 152, 47) }
```

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

```
.background{ background-color: rgb(238,  
152, 47) }
```

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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