

Converting Colors

HunterLab(63.9700, 17.4385,
36.8197)

Have a look what the booklet for
HunterLab(63.9700, 17.4385,
36.8197) contains.

HunterLab(64.0409, 17.2975, 36.8649)	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(64.0409, 17.2975,
36.8649)**

Conversions

Conversions Part 1

Format	Color
Hex	EB9A33
RGB	235, 154, 51
RGB Percent	92%, 60%, 20%
CMY	0.0784, 0.3961, 0.8000
CMYK	0.00, 0.34, 0.78, 0.08
HSL	34°, 82%, 56%
HSV	34°, 78%, 92%
XYZ	46.4141, 41.0124, 8.6019
YIQ	166.4770, 81.3390, -14.8610

Conversions

Conversions Part 2

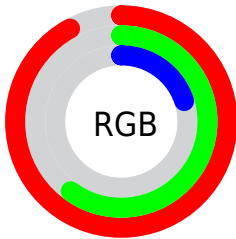
Format	Color
RYB	196, 235, 51
Decimal	15440435
CIELab	70.19, 22.25, 62.78
CIELCh	70, 66.603, 70.485
Yxy	41.0145, 0.4833, 0.4271
Android (android.graphics.Color)	4293630515 (0xFFEB9A33)
YUV	166.4770, -56.9302, 60.0947
Hunter-Lab	64.0409, 17.2975, 36.8649

Details

The HunterLab color **64.0409, 17.2975, 36.8649** 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 **48.1700, 6.9033, -66.9377**, and the grayscale version is **62.1528, -3.3163, 3.3769**.

A 20% lighter version of the original color is **82.0924, 0.5988, 40.9431**, and **43.2425, 16.4013, 26.9330** is the 20% darker color. If you saturate the color by 10%, you get **61.3089, 21.9401, 37.1298**, and if you desaturate by 10%, it is **66.9627, 13.0387, 35.6750**.

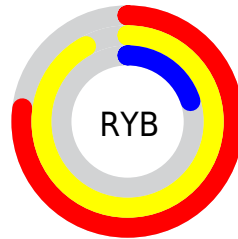
Distribution



Red (92%)

Green (60%)

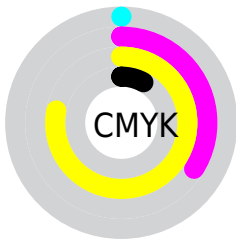
Blue (20%)



Red (77%)

Yellow (92%)

Blue (20%)

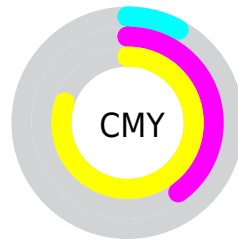


Cyan (0%)

Magenta (34%)

Yellow (78%)

Black (8%)



Cyan (8%)
















Magenta (40%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 64.0409, 17.2975, 36.8649 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 64.0409, 17.2975, 36.8649 by changing the saturation by 10% instead.

 64.0409, 17.2975, 36.8649	 64.0409, 17.2975, 36.8649
187.1847, 18.7400, 70.6915	 53.2263, 16.7833, 32.3687
 87.5819, 18.0615, 45.2652	 43.0986, 16.1745, 27.6357
 100.2407, 18.3343, 49.2210	 33.7098, 15.4542, 22.7964
 113.4567, 18.5413, 53.0436	 25.1235, 14.6057, 17.5864
 127.2073, 18.6874, 56.7508	 17.4231, 13.6092, 12.1962
 141.4725, 18.7769, 60.3575	 10.7255, 12.4483, 7.5079
 156.2343, 18.8135,	 1.4352, 67.4741,


63.8763


1.0046


171.4766, 18.8002,
67.3179


0.0000, NaN, NaN


0.0000, NaN, NaN


 64.0409, 17.2975,
36.8649


 64.0409, 17.2975,
36.8649

 61.3089, 21.9401,
37.1298

 66.9627, 13.0387,
35.6750

 58.7648, 26.9059,
36.5656

 70.0610, 9.2057,
33.5529


 58.3475, 27.7630,
36.4395


 73.3276, 5.8057,
30.5284


 76.7522, 2.8352,
26.6496


 80.3243, 0.2815,

21.9739

 84.0339, -1.8743,
16.5621

 87.8716, -3.6544,
10.4744

 91.8284, -5.0829,
3.7683

 95.6391, -7.5981,
0.1487

Harmonies

Analogous

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



64.0425, 47.3638, 30.0950



64.0409, 17.2975, 36.8649



64.0425, -13.7124, 37.5975

Triad

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



64.0425, 17.2939, 36.8655



64.0425, -51.3497, -7.4784



64.0425, 39.1096, -54.8480

Complementary

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



64.0409, 17.2975, 36.8649



48.1700, 6.9033, -66.9377

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.



64.0425, 7.5652, -78.8096



64.0409, 17.2975, 36.8649



64.0425, -42.0832, -44.1296

Square

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



64.0425, 17.2939, 36.8655



64.0425, -49.7196, 19.4150



64.0425, -21.7967, -74.1670



64.0425, 61.4950, -18.0040

Rectangle

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



64.0409, 17.2975, 36.8649



64.0425, -30.4533, 35.2715



64.0425, -21.7967, -74.1670



64.0425, 29.0053, -65.3081

Sweetspot

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



64.0425, 17.2939, 36.8655



90.2227, -0.9727, 21.1209



46.6323, 70.4878, 1.3844



41.0618, -0.0415, 10.7475

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



64.0425, 17.2939, 36.8655



65.5322, 27.3758, 40.4408



87.0584, -26.0366, 51.0559



40.5622, -1.6078, 5.2057



43.8247, 20.0656, 27.3559



13.0357, 4.0396, 8.1033

Inverse Universe

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



48.1700, 6.9033, -66.9377



45.7749, 17.6415, -94.0257



30.5501, 52.0305, -132.8005



39.5476, -2.5122, -1.0449



30.0519, 13.8872, -67.5406



9.4757, 1.7505, -15.6226

Previews

White Background



This preview shows how the HunterLab color 64.0409, 17.2975, 36.8649 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 64.0409, 17.2975, 36.8649 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 64.0409, 17.2975, 36.8649 Background



This preview shows how black text looks on a background with the HunterLab color 64.0409, 17.2975, 36.8649.



This preview shows how white text looks on a background with the HunterLab color 64.0409, 17.2975,

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

64.0409, 17.2975, 36.8649

Protanopia

64.1311, -7.9686, 35.9189

Deuteranopia

64.0301, 4.8354, 37.0495



Tritanopia

64.0421, 33.3231, 11.3365

Trichromacy



Original Color

64.0409, 17.2975, 36.8649

Protanomaly

63.7075, 0.9603, 36.0251

Deuteranomaly

64.0648, 9.1877, 37.0494

Tritanomaly

63.8865, 26.2157, 24.2068

Monochromacy



Original Color

64.0409, 17.2975, 36.8649

Achromatopsia

61.7516, -3.2949, 3.3551

Achromatomaly

61.9453, 1.2230, 19.9405

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 64.0409, 17.2975, 36.8649 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, 154, 51)` looks like.

```
.text, #text, p{  
    color:rgb(235, 154, 51)  
}
```

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, 154, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 154, 51) }
```

Border

The CSS property to change the border of an element to HunterLab 64.0409, 17.2975, 36.8649 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, 154, 51) }
```


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

```
.border{ border-color:rgb(235, 154, 51) }
```

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

Here you see how a box with a 4 pixel rgb(235, 154, 51) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 154, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 154, 51);  
box-shadow:4px 4px 4px 4px rgb(235, 154,  
51) }
```

Background

The CSS property to change the background color of an element to HunterLab 64.0409, 17.2975, 36.8649 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 154, 51) }
```

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

```
.background{ background-color: rgb(235,  
154, 51) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor