

Converting Colors

HunterLab(63.3769, 21.1836,
35.2688)

Have a look what the booklet for
HunterLab(63.3769, 21.1836,
35.2688) contains.

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Color

**HunterLab(63.5034, 21.0043,
35.3762)**

Conversions

Conversions Part 1

Format	Color
Hex	EE963D
RGB	238, 150, 61
RGB Percent	93%, 59%, 24%
CMY	0.0667, 0.4117, 0.7608
CMYK	0.00, 0.37, 0.74, 0.07
HSL	30°, 84%, 59%
HSV	30°, 74%, 93%
XYZ	47.0086, 40.3268, 9.7212
YIQ	166.1660, 81.0170, -9.0230

Conversions

Conversions Part 2

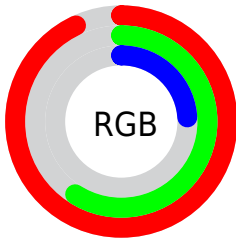
Format	Color
R _Y B	236, 238, 61
Decimal	15636029
CIE Lab	69.70, 26.00, 58.37
CIE LCh	70, 63.903, 65.988
Yxy	40.3289, 0.4843, 0.4155
Android (android.graphics.Color)	4293826109 (0xFFEE963D)
YUV	166.1660, -51.8468, 62.9984
Hunter-Lab	63.5034, 21.0043, 35.3762

Details

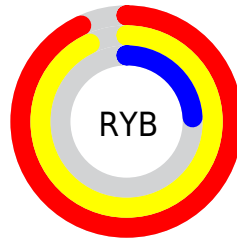
The HunterLab color **63.5034, 21.0043, 35.3762** is a dark color, and the websafe version is hex **FF9933**. The color can be described as middle washed orange. A complement of this color would be **53.5338, 0.0239, -56.5981**, and the grayscale version is **62.0045, -3.3084, 3.3688**.

A 20% lighter version of the original color is **81.0173, 3.2223, 38.5458**, and **42.7443, 19.5468, 26.6811** is the 20% darker color. If you saturate the color by 10%, you get **60.4476, 26.2454, 35.9738**, and if you desaturate by 10%, it is **66.7935, 16.1536, 33.8481**.

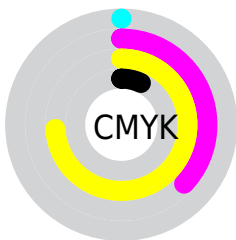
Distribution



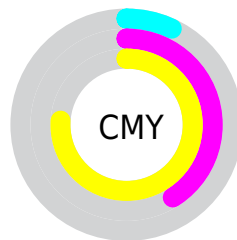
- Red (93%)
- Green (59%)
- Blue (24%)



- Red (93%)
- Yellow (93%)
- Blue (24%)



- Cyan (0%)
- Magenta (37%)
- Yellow (74%)
- Black (7%)



- Cyan (7%)
- Magenta (41%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 63.5034, 21.0043, 35.3762 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 63.5034, 21.0043, 35.3762 by changing the saturation by 10% instead.

63.5034, 21.0043,
35.3762

63.5034, 21.0043,
35.3762

186.4156, 23.7535,
67.1705

52.7210, 20.3182,
31.1560

86.9851, 22.0927,
43.2558

42.6277, 19.5307,
26.7056

99.6164, 22.5191,
46.9678

33.2761, 18.6247,
22.0375

112.8060, 22.8747,
50.5571

24.7305, 17.5846,
17.3113

126.5313, 23.1647,
54.0407

17.0755, 16.3951,
11.9528

140.7720, 23.3939,
57.4329

10.4302, 15.0570,
7.3011

155.5103, 23.5662,

0.0000, INF, NaN

60.7455

0.0000, NaN, NaN

170.7297, 23.6850,
63.9886

0.0000, NaN, NaN

■ 63.5034, 21.0043,
35.3762

■ 63.5034, 21.0043,
35.3762

■ 60.4476, 26.2454,
35.9738

■ 66.7935, 16.1536,
33.8481

■ 57.6340, 31.8210,
35.6650

■ 70.2977, 11.7374,
31.4144

■ 56.1543, 35.0391,
35.2154

■ 74.0019, 7.7611,
28.1294

■ 77.8903, 4.2182,
24.0592

■ 81.9483, 1.0915,
19.2732

86.1623, -1.6419,
13.8393

90.5199, -4.0083,
7.8211

95.0097, -6.0349,
1.2767

98.4464, -10.7829,
3.4954

Harmonies

Analogous

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



63.5050, 48.4787, 27.4417



63.5034, 21.0043, 35.3762



63.5050, -9.1200, 36.8656

Triad

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



63.5050, 21.0006, 35.3769



63.5050, -49.9823, -2.3458



63.5050, 32.9168, -56.3980

Complementary

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



63.5034, 21.0043, 35.3762



53.5338, 0.0239, -56.5981

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.



63.5050, 2.5467, -75.4570



63.5034, 21.0043, 35.3762



63.5050, -42.5971, -36.4134

Square

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



63.5050, 21.0006, 35.3769



63.5050, -46.8214, 21.5156



63.5050, -24.5810, -66.8507



63.5050, 56.1791, -22.2203

Rectangle

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



63.5034, 21.0043, 35.3762



63.5050, -26.0820, 35.0903



63.5050, -24.5810, -66.8507



63.5050, 23.0125, -65.3492

Sweetspot

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



63.5050, 21.0006, 35.3769



89.6534, 0.4681, 19.5592



48.6835, 70.2414, -3.6564



40.9123, 0.6101, 9.7545

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



63.5050, 21.0006, 35.3769



63.8292, 31.3383, 38.8565



89.2540, -22.8475, 51.6649



41.3188, -1.3306, 5.1331



42.2512, 25.4547, 26.4806



12.9775, 5.5790, 8.0943

Inverse Universe

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



53.5338, 0.0239, -56.5981



51.4597, 7.1984, -77.1684



32.4084, 48.0779, -127.1709



40.6533, -2.8823, -0.8458



33.1260, 8.7100, -60.2069



10.5441, 0.6587, -14.6013

Previews

White Background



This preview shows how the HunterLab color 63.5034, 21.0043, 35.3762 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 63.5034, 21.0043, 35.3762 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 63.5034, 21.0043, 35.3762 Background



This preview shows how black text looks on a background with the HunterLab color 63.5034, 21.0043, 35.3762.



This preview shows how white text looks on a background with the HunterLab color 63.5034, 21.0043,

35.3762.

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

63.5034, 21.0043, 35.3762

Protanopia

63.6225, -8.0613, 34.1142

Deuteranopia

63.4683, 4.5198, 35.5719



Tritanopia

63.5128, 35.2012, 12.4211

Trichromacy



Original Color

63.5034, 21.0043, 35.3762

Protanomaly

63.1201, 2.0452, 34.2325

Deuteranomaly

63.4735, 10.1688, 35.5509

Tritanomaly

63.2102, 29.2191, 23.3848

Monochromacy



Original Color

63.5034, 21.0043, 35.3762

Achromatopsia

61.7516, -3.2949, 3.3551

Achromatomaly

61.5683, 3.0210, 18.3246

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 63.5034, 21.0043, 35.3762 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, 150, 61)` looks like.

```
.text, #text, p{  
    color:rgb(238, 150, 61)  
}
```

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, 150, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 150, 61) }
```

Border

The CSS property to change the border of an element to HunterLab 63.5034, 21.0043, 35.3762 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, 150, 61) }
```


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

```
.border{ border-color:rgb(238, 150, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 150, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 150, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 150, 61);  
box-shadow:4px 4px 4px 4px rgb(238, 150,  
61) }
```

Background

The CSS property to change the background color of an element to HunterLab 63.5034, 21.0043, 35.3762 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 150, 61) }
```

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

```
.background{ background-color: rgb(238,  
150, 61) }
```

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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