

Converting Colors

HunterLab(63.5391, 21.8700,
39.5354)

Have a look what the booklet for
HunterLab(63.5391, 21.8700,
39.5354) contains.

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Color

**HunterLab(63.5391, 21.8700,
39.5354)**

Conversions

Conversions Part 1

Format	Color
Hex	F29500
RGB	242, 149, 0
RGB Percent	95%, 58%, 0%
CMY	0.0510, 0.4157, 1.0000
CMYK	0.00, 0.38, 1.00, 0.05
HSL	37°, 100%, 47%
HSV	37°, 100%, 95%
XYZ	47.3654, 40.3722, 5.2961
YIQ	159.8210, 103.2570, -26.6230

Conversions

Conversions Part 2

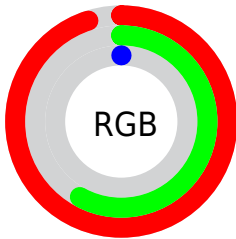
Format	Color
R_{YB}	151, 242, 0
Decimal	15897856
CIE _{Lab}	69.74, 26.86, 74.81
CIE _{LCh}	70, 79.486, 70.247
Yxy	40.3743, 0.5091, 0.4340
Android (android.graphics.Color)	4294087936 (0xFFFF29500)
YUV	159.8210, -78.7918, 72.0710
Hunter-Lab	63.5391, 21.8700, 39.5354

Details

The HunterLab color **63.5391, 21.8700, 39.5354** is a dark color, and the websafe version is hex **FF9900**. The color can be described as middle saturated orange. A complement of this color would be **37.7362, 28.2902, -108.2362**, and the grayscale version is **59.5009, -3.1748, 3.2328**.

A 20% lighter version of the original color is **80.3080, 1.4922, 44.4635**, and **42.8008, 20.8450, 26.7386** is the 20% darker color. If you saturate the color by 10%, you get **63.5396, 21.8683, 39.5357**, and if you desaturate by 10%, it is **65.9564, 17.3599, 40.1587**.

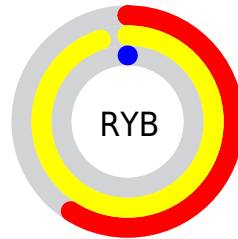
Distribution



Red (95%)

Green (58%)

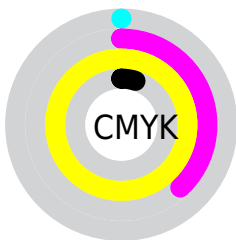
Blue (0%)



Red (59%)

Yellow (95%)

Blue (0%)

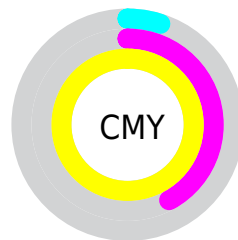


Cyan (0%)

Magenta (38%)

Yellow (100%)

Black (5%)



Cyan (5%)

Magenta (42%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 63.5391, 21.8700, 39.5354 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 63.5391, 21.8700, 39.5354 by changing the saturation by 10% instead.

63.5391, 21.8700,
39.5354

63.5391, 21.8700,
39.5354

186.4668, 24.9068,
79.1109

52.7546, 21.1464,
34.2751

87.0248, 23.0290,
49.4001

42.6590, 20.3205,
28.7982

99.6579, 23.4892,
54.0461

33.3049, 19.3749,
23.3134

112.8493, 23.8774,
58.5303

24.7566, 18.2946,
17.3296

126.5762, 24.1992,
62.8717

17.0985, 17.0656,
11.9690

140.8186, 24.4593,
67.0870

10.4498, 15.6933,
7.3148

155.5584, 24.6616,

0.0000, INF, NaN

71.1905

0.0000, NaN, NaN

170.7794, 24.8098,
75.1949

0.0000, NaN, NaN

63.5391, 21.8700,
39.5354

63.5391, 21.8700,
39.5354

63.5396, 21.8683,
39.5357

65.9564, 17.3599,
40.1587

68.5231, 13.1717,
39.9960

71.2462, 9.3855,
38.8764

74.1224, 6.0322,
36.7701

77.1459, 3.1239,
33.6866

■ 80.3103, 0.6597,
29.6587

■ 83.6082, -1.3702,
24.7329

■ 87.0324, -2.9814,
18.9628

■ 90.5757, -4.1935,
12.4050

Harmonies

Analogous

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



63.5408, 58.8940, 33.0786



63.5391, 21.8700, 39.5354



63.5408, -15.3009, 40.1966

Triad

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



63.5408, 21.8661, 39.5360



63.5408, -58.3798, -9.4749



63.5408, 48.0840, -70.6139

Complementary

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



63.5391, 21.8700, 39.5354



37.7362, 28.2902, -108.2362

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.



63.5408, 9.4603, -102.1923



63.5391, 21.8700, 39.5354



63.5408, -48.2485, -55.8674

Square

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



63.5408, 21.8661, 39.5360



63.5408, -56.5037, 22.0046



63.5408, -25.2357, -95.6553



63.5408, 76.2224, -23.2157

Rectangle

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



63.5391, 21.8700, 39.5354



63.5408, -34.7748, 38.1803



63.5408, -25.2357, -95.6553



63.5408, 35.5803, -84.3704

Sweetspot

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



63.5408, 21.8661, 39.5360



88.6967, -1.4370, 26.2980



44.4262, 78.0142, 13.7109



40.3430, -0.2682, 13.2398

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



63.5408, 21.8661, 39.5360



67.3620, 23.3493, 41.9169



88.5316, -32.7353, 53.9795



41.6887, -1.9504, 5.5304



46.8630, 15.4297, 29.1469



14.2088, 3.0753, 8.8092

Inverse Universe

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



37.7362, 28.2902, -108.2362



39.9424, 30.2807, -115.2920



25.7056, 68.9575, -176.7078



40.2798, -2.2655, -1.3049



28.0962, 19.6673, -77.5740



9.1847, 3.2603, -18.5180

Previews

White Background



This preview shows how the HunterLab color 63.5391, 21.8700, 39.5354 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 63.5391, 21.8700, 39.5354 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 63.5391, 21.8700, 39.5354 Background



This preview shows how black text looks on a background with the HunterLab color 63.5391, 21.8700, 39.5354.



This preview shows how white text looks on a background with the HunterLab color 63.5391, 21.8700,

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

63.5391, 21.8700, 39.5354

Protanopia

63.6451, -8.5493, 38.5350

Deuteranopia

63.5921, 4.4703, 39.2634



Tritanopia

63.7116, 38.0277, 13.4640

Trichromacy



Original Color

63.5391, 21.8700, 39.5354

Protanomaly

63.2988, 2.0861, 38.7444

Deuteranomaly

63.3415, 10.6340, 39.2169

Tritanomaly

63.2961, 29.9370, 29.3856

Monochromacy



Original Color

63.5391, 21.8700, 39.5354

Achromatopsia

59.2902, -3.1636, 3.2213

Achromatomaly

59.7356, 1.6083, 24.3603

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 63.5391, 21.8700, 39.5354 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(242, 149, 0)` looks like.

```
.text, #text, p{  
    color:rgb(242, 149, 0)  
}
```

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(242, 149, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 149, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 63.5391, 21.8700, 39.5354 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(242, 149, 0) }
```


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

```
.border{ border-color:rgb(242, 149, 0) }
```

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

Here you see how a box with a 4 pixel rgb(242, 149, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 149, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 149, 0);  
box-shadow:4px 4px 4px 4px rgb(242, 149,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 63.5391, 21.8700, 39.5354 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 149, 0) }
```

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

```
.background{ background-color: rgb(242,  
149, 0) }
```

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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