

Converting Colors

HunterLab(63.7361, 32.4020,
36.7376)

Have a look what the booklet for
HunterLab(63.7361, 32.4020,
36.7376) contains.

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Color

**HunterLab(63.6921, 32.6108,
36.6823)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8D35
RGB	255, 141, 53
RGB Percent	100%, 55%, 21%
CMY	0.0000, 0.4470, 0.7921
CMYK	0.00, 0.45, 0.79, 0.00
HSL	26°, 100%, 60%
HSV	26°, 79%, 100%
XYZ	51.4075, 40.5668, 8.4889
YIQ	165.0540, 96.1920, -3.2000

Conversions

Conversions Part 2

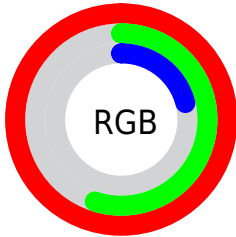
Format	Color
R _Y B	255, 209, 53
Decimal	16747829
CIE Lab	69.87, 37.24, 62.61
CIE LCh	70, 72.852, 59.258
Yxy	40.5690, 0.5117, 0.4038
Android (android.graphics.Color)	4294937909 (0xFFFF8D35)
YUV	165.0540, -55.2426, 78.8826
Hunter-Lab	63.6921, 32.6108, 36.6823

Details

The HunterLab color **63.6921, 32.6108, 36.6823** 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 **59.6761, -4.7203, -57.3056**, and the grayscale version is **61.5560, -3.2845, 3.3445**.

A 20% lighter version of the original color is **78.6005, 6.8410, 38.2674**, and **42.8383, 30.4979, 26.9307** is the 20% darker color. If you saturate the color by 10%, you get **60.3502, 39.2674, 36.8260**, and if you desaturate by 10%, it is **67.3740, 26.2771, 35.5492**.

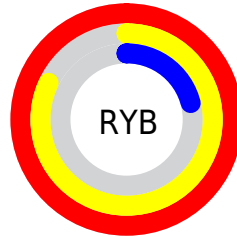
Distribution



Red (100%)

Green (55%)

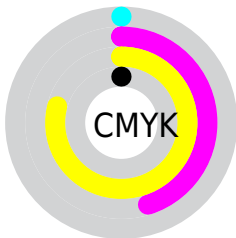
Blue (21%)



Red (100%)

Yellow (82%)

Blue (21%)

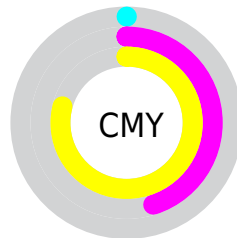


Cyan (0%)

Magenta (45%)

Yellow (79%)

Black (0%)



Cyan (0%)

Magenta (45%)

Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 63.6921, 32.6108, 36.6823 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 63.6921, 32.6108, 36.6823 by changing the saturation by 10% instead.

63.6921, 32.6108,
36.6823

63.6921, 32.6108,
36.6823

186.6858, 39.0376,
70.4649

52.8985, 31.4572,
32.1897

87.1947, 34.5951,
45.0742

42.7930, 30.1921,
27.4597

99.8357, 35.4512,
49.0253

33.4283, 28.8022,
22.6395

113.0346, 36.2245,
52.8429

24.8684, 27.2827,
17.4079

126.7688, 36.9212,
56.5450

17.1974, 25.6476,
12.0382

141.0181, 37.5466,
60.1465

10.5337, 23.9848,
7.3736

155.7647, 38.1051,

0.0000, INF, NaN

63.6601

0.0000, NaN, NaN

170.9921, 38.6009,
67.0966

0.0000, NaN, NaN

■ 63.6921, 32.6108,
36.6823

■ 63.6921, 32.6108,
36.6823

■ 60.3502, 39.2674,
36.8260

■ 67.3740, 26.2771,
35.5492

■ 57.3610, 46.0940,
36.0931

■ 71.3649, 20.3668,
33.4499

■ 57.1401, 46.6244,
36.0257

■ 75.6396, 14.9184,
30.4526

■ 80.1718, 9.9430,
26.6414

■ 84.9374, 5.4309,
22.1038

89.9142, 1.3597,
16.9230

95.0827, -2.3000,
11.1747

99.9999, -5.3360,
5.4331

Harmonies

Analogous

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



63.6938, 62.3713, 26.5702



63.6921, 32.6108, 36.6823



63.6938, -2.5731, 39.1956

Triad

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



63.6938, 32.6065, 36.6830



63.6938, -55.4709, 4.2484



63.6938, 30.8790, -75.4733

Complementary

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



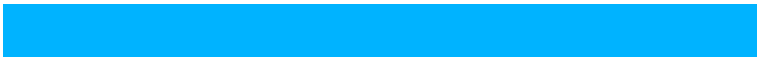
63.6921, 32.6108, 36.6823



59.6761, -4.7203, -57.3056

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.



63.6938, -4.2265, -91.9850



63.6921, 32.6108, 36.6823



63.6938, -50.0575, -33.9043

Square

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



63.6938, 32.6065, 36.6830



63.6938, -49.4886, 27.3445



63.6938, -32.8472, -73.8739



63.6938, 61.2388, -36.0191

Rectangle

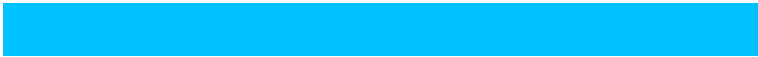
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



63.6921, 32.6108, 36.6823



63.6938, -23.1100, 38.2723



63.6938, -32.8472, -73.8739



63.6938, 19.0384, -84.5739

Sweetspot

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



63.6938, 32.6065, 36.6830



87.5077, 3.2547, 19.4776



51.5885, 81.1024, -9.0696



39.6698, 2.1878, 9.8500

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



63.6938, 32.6065, 36.6830



58.5784, 43.2170, 36.4754



92.0562, -18.5879, 54.2297



43.9192, -1.0175, 5.2505



41.6472, 32.8396, 26.2377



13.7894, 8.3347, 8.6429

Inverse Universe

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



59.6761, -4.7203, -57.3056



53.7993, 2.1771, -71.0743



34.5376, 50.6464, -140.2419



43.6794, -3.4783, -0.6330



38.0557, 2.7580, -53.5201



12.7578, -0.6609, -14.5193

Previews

White Background



This preview shows how the HunterLab color 63.6921, 32.6108, 36.6823 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 63.6921, 32.6108, 36.6823 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 63.6921, 32.6108, 36.6823 Background



This preview shows how black text looks on a background with the HunterLab color 63.6921, 32.6108, 36.6823.



This preview shows how white text looks on a background with the HunterLab color 63.6921, 32.6108,

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

63.6921, 32.6108, 36.6823

Protanopia

63.6703, -7.9988, 34.9822

Deuteranopia

63.6217, 4.8672, 36.9750



Tritanopia

63.7194, 42.3915, 15.4543

Trichromacy



Original Color

63.6921, 32.6108, 36.6823

Protanomaly

63.0422, 5.9520, 35.1858

Deuteranomaly

63.3621, 15.1051, 36.6913

Tritanomaly

63.4815, 38.0894, 25.7379

Monochromacy



Original Color

63.6921, 32.6108, 36.6823

Achromatopsia

61.3402, -3.2730, 3.3327

Achromatomaly

61.0229, 6.7497, 19.1929

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 63.6921, 32.6108, 36.6823 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(255, 141, 53)` looks like.

```
.text, #text, p{  
    color:rgb(255, 141, 53)  
}
```

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(255, 141, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 141, 53) }
```

Border

The CSS property to change the border of an element to HunterLab 63.6921, 32.6108, 36.6823 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(255, 141, 53) }
```


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

```
.border{ border-color:rgb(255, 141, 53) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 141, 53)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 141, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 141, 53);  
box-shadow:4px 4px 4px 4px rgb(255, 141,  
53) }
```

Background

The CSS property to change the background color of an element to HunterLab 63.6921, 32.6108, 36.6823 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 141, 53) }
```

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

```
.background{ background-color: rgb(255,  
141, 53) }
```

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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