

Converting Colors

HunterLab(64.2188, 31.3435,
37.2284)

Have a look what the booklet for
HunterLab(64.2188, 31.3435,
37.2284) contains.

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Color

**HunterLab(64.1435, 31.5093,
37.1816)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8F33
RGB	255, 143, 51
RGB Percent	100%, 56%, 20%
CMY	0.0000, 0.4392, 0.8000
CMYK	0.00, 0.44, 0.80, 0.00
HSL	27°, 100%, 60%
HSV	27°, 80%, 100%
XYZ	51.6599, 41.1439, 8.3507
YIQ	166.0000, 96.2840, -4.8680

Conversions

Conversions Part 2

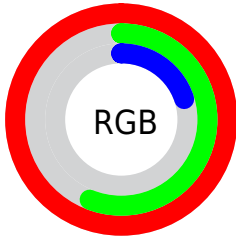
Format	Color
R_{YB}	255, 219, 51
Decimal	16748339
CIE _{Lab}	70.28, 36.16, 63.78
CIE _{LCh}	70, 73.316, 60.449
Yxy	41.1461, 0.5107, 0.4067
Android (android.graphics.Color)	4294938419 (0xFFFF8F33)
YUV	166.0000, -56.6950, 78.0530
Hunter-Lab	64.1435, 31.5093, 37.1816

Details

The HunterLab color **64.1435, 31.5093, 37.1816** 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 **58.4090, -2.8598, -60.0926**, and the grayscale version is **61.9511, -3.3056, 3.3659**.

A 20% lighter version of the original color is **79.1503, 5.6685, 39.0608**, and **43.2304, 29.5520, 27.1557** is the 20% darker color. If you saturate the color by 10%, you get **60.8564, 38.0228, 37.2411**, and if you desaturate by 10%, it is **67.7531, 25.3314, 36.1287**.

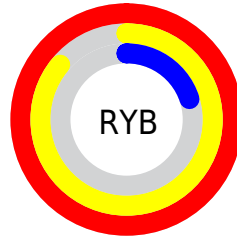
Distribution



Red (100%)

Green (56%)

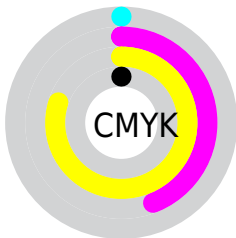
Blue (20%)



Red (100%)

Yellow (86%)

Blue (20%)

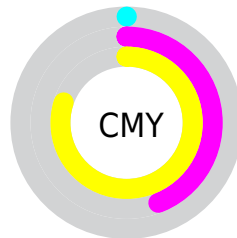


Cyan (0%)

Magenta (44%)

Yellow (80%)

Black (0%)



Cyan (0%)

Magenta (44%)


Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 64.1435, 31.5093, 37.1816 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 64.1435, 31.5093, 37.1816 by changing the saturation by 10% instead.


 64.1435, 31.5093,
37.1816


 64.1435, 31.5093,
37.1816

187.3315, 37.5631,
71.4723


 53.3228, 30.4032,
32.6230


 87.6958, 33.4025,
45.7005


 43.1885, 29.1864,
27.8266

 100.3599, 34.2149,
49.7119


 33.7927, 27.8449,
22.9599


 113.5809, 34.9458,
53.5878

 25.1986, 26.3723,
17.6390

 127.3363, 35.6013,
57.3461

 17.4896, 24.7772,
12.2427

 141.6062, 36.1865,
61.0018

 10.7821, 23.1313,
7.5475

 156.3725, 36.7059,

 1.7548, 89.8974,

64.5679

1.2283

171.6192, 37.1636,
68.0549

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 64.1435, 31.5093,
37.1816

■ 64.1435, 31.5093,
37.1816

■ 60.8564, 38.0228,
37.2411

■ 67.7531, 25.3314,
36.1287

■ 57.8994, 44.7190,
36.4602

■ 71.6570, 19.5836,
34.0961

■ 57.8991, 44.7198,
36.4601

■ 75.8322, 14.3011,
31.1446

■ 80.2549, 9.4935,
27.3538

■ 84.9026, 5.1510,

22.8085

89.7547, 1.2515,
17.5907

94.7927, -2.2336,
11.7762

99.9999, -5.3361,
5.4331

Harmonies

Analogous

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



64.1452, 62.0263, 27.4158



64.1435, 31.5093, 37.1816



64.1452, -3.9299, 39.5001

Triad

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



64.1452, 31.5050, 37.1823



64.1452, -55.9344, 3.0097



64.1452, 32.5599, -74.8960

Complementary

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



64.1435, 31.5093, 37.1816



58.4090, -2.8598, -60.0926

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.



64.1452, -2.9207, -92.8681



64.1435, 31.5093, 37.1816



64.1452, -50.0176, -35.9329

Square

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



64.1452, 31.5050, 37.1823



64.1452, -50.3646, 26.9436



64.1452, -32.1840, -75.8732



64.1452, 62.7180, -34.6412

Rectangle

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



64.1435, 31.5093, 37.1816



64.1452, -24.4004, 38.4462



64.1452, -32.1840, -75.8732



64.1452, 20.6460, -84.4508

Sweetspot

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



64.1452, 31.5050, 37.1823



87.7904, 2.7603, 19.7542



51.2633, 81.0910, -7.1771



39.8184, 1.9252, 9.9916

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



64.1452, 31.5050, 37.1823



59.0440, 42.0440, 36.8246



93.1033, -20.2337, 55.0209



43.9729, -1.1084, 5.3086



42.1964, 31.4763, 26.5523



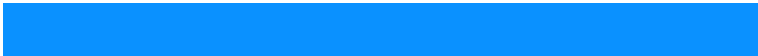
13.9580, 7.9466, 8.7400

Inverse Universe

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



58.4090, -2.8598, -60.0926



52.3566, 4.6577, -74.7928



33.5901, 53.3163, -145.3593



43.6245, -3.3884, -0.6998



37.2485, 4.2171, -55.6610



12.5270, -0.2738, -15.0667

Previews

White Background



This preview shows how the HunterLab color 64.1435, 31.5093, 37.1816 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 64.1435, 31.5093, 37.1816 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 64.1435, 31.5093, 37.1816 Background



This preview shows how black text looks on a background with the HunterLab color 64.1435, 31.5093, 37.1816.



This preview shows how white text looks on a background with the HunterLab color 64.1435, 31.5093,

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

64.1435, 31.5093, 37.1816

Protanopia

64.4518, -8.3100, 35.7631

Deuteranopia

64.1253, 5.1059, 37.4899



Tritanopia

64.1838, 41.4619, 15.5301

Trichromacy



Original Color

64.1435, 31.5093, 37.1816

Protanomaly

63.8162, 5.6682, 35.9465

Deuteranomaly

64.0024, 14.4376, 37.2963

Tritanomaly

63.9319, 37.0513, 26.0962

Monochromacy



Original Color

64.1435, 31.5093, 37.1816

Achromatopsia

61.7516, -3.2949, 3.3551

Achromatomaly

61.5749, 5.7467, 19.6816

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 64.1435, 31.5093, 37.1816 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, 143, 51)` looks like.

```
.text, #text, p{  
    color:rgb(255, 143, 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(255, 143, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 143, 51) }
```

Border

The CSS property to change the border of an element to HunterLab 64.1435, 31.5093, 37.1816 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, 143, 51) }
```


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

```
.border{ border-color:rgb(255, 143, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 143, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 143, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 143, 51);  
box-shadow:4px 4px 4px 4px rgb(255, 143,  
51) }
```

Background

The CSS property to change the background color of an element to HunterLab 64.1435, 31.5093, 37.1816 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 143, 51) }
```

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

```
.background{ background-color: rgb(255,  
143, 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](#).

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