

Converting Colors

HunterLab(50.6014, 64.5883,
32.3111)

Have a look what the booklet for
HunterLab(50.6014, 64.5883,
32.3111) contains.

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Color

**HunterLab(50.6363, 64.4840,
32.3307)**

Conversions

Conversions Part 1

Format	Color
Hex	FF4600
RGB	255, 70, 0
RGB Percent	100%, 27%, 0%
CMY	0.0000, 0.7254, 1.0000
CMYK	0.00, 0.73, 1.00, 0.00
HSL	16°, 100%, 50%
HSV	16°, 100%, 100%
XYZ	43.4302, 25.6403, 2.6601
YIQ	117.3350, 132.7300, 17.4500

Conversions

Conversions Part 2

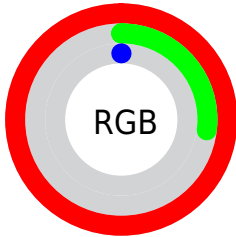
Format	Color
R_{YB}	255, 96, 0
Decimal	16729600
CIE _{Lab}	57.70, 67.46, 69.03
CIE _{LCh}	58, 96.517, 45.657
Yxy	25.6419, 0.6054, 0.3575
Android (android.graphics.Color)	4294919680 (0xFFFF4600)
YUV	117.3350, -57.8462, 120.7322
Hunter-Lab	50.6363, 64.4840, 32.3307

Details

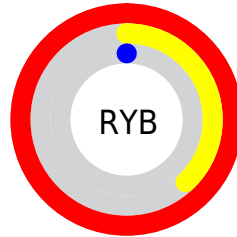
The HunterLab color **50.6363, 64.4840, 32.3307** is a dark color, and the websafe version is hex **FF3300**. The color can be described as dark saturated red. A complement of this color would be **64.7410, -15.7024, -47.0233**, and the grayscale version is **42.4893, -2.2671, 2.3085**.

A 20% lighter version of the original color is **61.3151, 38.6891, 33.7691**, and **32.6977, 55.9957, 21.1284** is the 20% darker color. If you saturate the color by 10%, you get **50.6374, 64.4799, 32.3313**, and if you desaturate by 10%, it is **53.2880, 57.3246, 32.7840**.

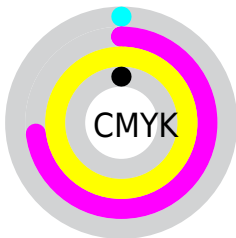
Distribution



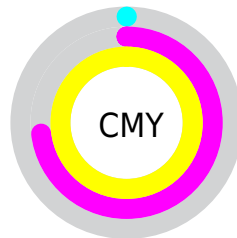
- Red (100%)
- Green (27%)
- Blue (0%)



- Red (100%)
- Yellow (38%)
- Blue (0%)



- Cyan (0%)
- Magenta (73%)
- Yellow (100%)
- Black (0%)



- Cyan (0%)
- Magenta (73%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 50.6363, 64.4840, 32.3307 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 50.6363, 64.4840, 32.3307 by changing the saturation by 10% instead.

50.6363, 64.4840,
32.3307

50.6363, 64.4840,
32.3307

167.6364, 80.6719,
70.6908

40.6890, 62.2414,
27.1367

72.5925, 68.7240,
42.0114

31.4935, 59.9812,
22.0454

84.5188, 70.7064,
46.5382

23.1190, 57.8113,
16.1833

97.0350, 72.5921,
50.8892

15.6557, 56.0282,
10.9590

110.1144, 74.3830,
55.0869

9.2301, 55.5797,
6.4611

123.7339, 76.0826,
59.1504


0.0000, INF, NaN

0.0000, INF, NaN


137.8727, 77.6947,


63.0965


0.0000, NaN, NaN


 152.5124, 79.2231,
66.9393


0.0000, NaN, NaN


 50.6363, 64.4840,
32.3307


 50.6363, 64.4840,
32.3307


 50.6374, 64.4799,
32.3313

 53.2880, 57.3246,
32.7840

 56.5833, 49.5509,
32.4515

 60.4860, 41.5871,
31.2064

 64.9374, 33.7308,
29.1263

 69.8752, 26.1724,
26.3313

75.2400, 19.0139,
22.9455

80.9782, 12.2945,
19.0801

87.0432, 6.0137,
14.8267

93.3953, 0.1480,
10.2585

Harmonies

Analogous

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



50.6378, 96.9134, 19.0209



50.6363, 64.4840, 32.3307



50.6378, 18.1923, 34.9580

Triad

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



50.6378, 64.4786, 32.3314



50.6378, -58.4321, 17.9561



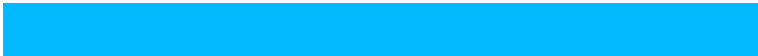
50.6378, 20.2098, -134.2319

Complementary

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



50.6363, 64.4840, 32.3307



64.7410, -15.7024, -47.0233

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.



50.6378, -20.6810, -135.5603



50.6363, 64.4840, 32.3307



50.6378, -58.2001, -21.7508

Square

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



50.6378, 64.4786, 32.3314



50.6378, -47.4216, 32.0727



50.6378, -46.6390, -84.7029



50.6378, 66.3520, -81.8499

Rectangle

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



50.6363, 64.4840, 32.3307



50.6378, -10.1947, 35.1658



50.6378, -46.6390, -84.7029



50.6378, 5.2479, -141.5329

Sweetspot

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



50.6378, 64.4786, 32.3314



80.9773, 12.2959, 19.0810



49.8476, 92.5625, -23.5835



36.3249, 6.9743, 9.6058

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



50.6378, 64.4786, 32.3314



50.6375, 64.4802, 32.3315



77.7912, 3.5313, 47.9963



43.3573, -0.0607, 4.6385



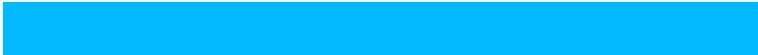
36.8922, 45.7524, 23.5338



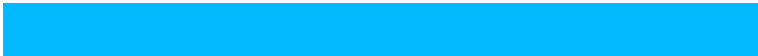
12.2405, 12.2139, 7.7563

Inverse Universe

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



64.7410, -15.7024, -47.0233



64.7407, -15.7019, -47.0244



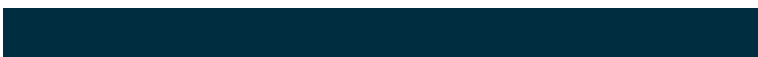
32.2490, 52.2725, -153.1491



44.2589, -4.4201, 0.0675



47.0779, -11.7610, -33.4547



15.2994, -4.5479, -9.3052

Previews

White Background



This preview shows how the HunterLab color 50.6363, 64.4840, 32.3307 looks on a white background.

Color Contrast Check

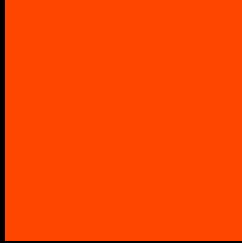
Large Text (above 18pt) WCAG AA ✓ Pass

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 50.6363, 64.4840, 32.3307 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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 50.6363, 64.4840, 32.3307 Background



This preview shows how black text looks on a background with the HunterLab color 50.6363, 64.4840, 32.3307.



This preview shows how white text looks on a background with the HunterLab color 50.6363, 64.4840,

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

50.6363, 64.4840, 32.3307

Protanopia

50.6180, -6.8934, 29.7084

Deuteranopia

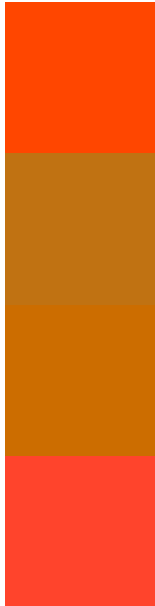
50.6127, 2.8788, 31.2377



Tritanopia

50.6991, 67.3219, 25.8349

Trichromacy



Original Color

50.6363, 64.4840, 32.3307

Protanomaly

48.2543, 18.6309, 29.3571

Deuteranomaly

48.7593, 25.8529, 30.4978

Tritanomaly

50.5728, 65.9575, 29.5238

Monochromacy



Original Color

50.6363, 64.4840, 32.3307

Achromatopsia

42.1768, -2.2504, 2.2915

Achromatomaly

42.2188, 17.9892, 17.2318

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 50.6363, 64.4840, 32.3307 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, 70, 0)` looks like.

```
.text, #text, p{  
    color:rgb(255, 70, 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(255, 70, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 70, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 50.6363, 64.4840, 32.3307 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, 70, 0) }
```


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

```
.border{ border-color:rgb(255, 70, 0) }
```

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

Here you see how a box with a 4 pixel rgb(255, 70, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 70, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 70, 0);  
box-shadow:4px 4px 4px 4px rgb(255, 70, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 50.6363, 64.4840, 32.3307 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 70, 0) }
```

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

```
.background{ background-color: rgb(255, 70,  
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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