

Converting Colors

HunterLab(50.7405, 64.1728,
32.3895)

Have a look what the booklet for
HunterLab(50.7405, 64.1728,
32.3895) contains.

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Color

**HunterLab(50.7607, 64.1128,
32.4009)**

Conversions

Conversions Part 1

Format	Color
Hex	FF4700
RGB	255, 71, 0
RGB Percent	100%, 28%, 0%
CMY	0.0000, 0.7215, 1.0000
CMYK	0.00, 0.72, 1.00, 0.00
HSL	17°, 100%, 50%
HSV	17°, 100%, 100%
XYZ	43.4933, 25.7665, 2.6811
YIQ	117.9220, 132.4550, 16.9270

Conversions

Conversions Part 2

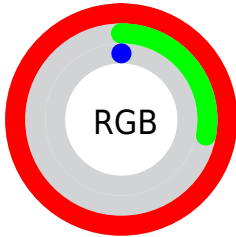
Format	Color
R_{YB}	255, 98, 0
Decimal	16729856
CIE Lab	57.82, 67.13, 69.08
CIE LCh	58, 96.324, 45.822
Yxy	25.7681, 0.6046, 0.3582
Android (android.graphics.Color)	4294919936 (0xFFFF4700)
YUV	117.9220, -58.1355, 120.2174
Hunter-Lab	50.7607, 64.1128, 32.4009

Details

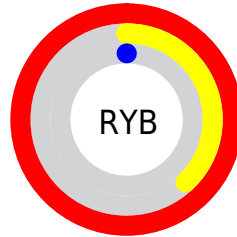
The HunterLab color **50.7607, 64.1128, 32.4009** is a dark color, and the websafe version is hex **FF3300**. The color can be described as dark saturated red. A complement of this color would be **64.4178, -15.2257, -47.6486**, and the grayscale version is **42.7175, -2.2793, 2.3209**.

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 **50.7619, 64.1084, 32.4016**, and if you desaturate by 10%, it is **53.4283, 56.9339, 32.8665**.

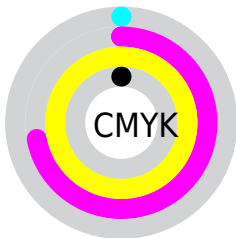
Distribution



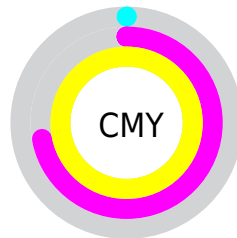
- Red (100%)
- Green (28%)
- Blue (0%)



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



- Cyan (0%)
- Magenta (72%)
- Yellow (100%)
- Black (0%)



- Cyan (0%)
- Magenta (72%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 50.7607, 64.1128, 32.4009 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 50.7607, 64.1128, 32.4009 by changing the saturation by 10% instead.

50.7607, 64.1128,
32.4009

50.7607, 64.1128,
32.4009

167.8218, 80.2046,
70.7722

40.8047, 61.8783,
27.2060

72.7327, 68.3328,
42.0831

31.5997, 59.6231,
22.1198

84.6664, 70.3043,
46.6110

23.2148, 57.4520,
16.2504

97.1895, 72.1790,
50.9632

15.7399, 55.6531,
11.0179

110.2756, 73.9590,
55.1622

9.3022, 55.1325,
6.5115

123.9014, 75.6475,
59.2272


0.0000, INF, NaN

0.0000, INF, NaN


138.0463, 77.2487,


63.1748


0.0000, NaN, NaN


 152.6920, 78.7664,
67.0191


0.0000, NaN, NaN

 50.7607, 64.1128,
32.4009


 50.7607, 64.1128,
32.4009


 50.7619, 64.1084,
32.4016

 53.4283, 56.9339,
32.8665

 56.7312, 49.1685,
32.5446

 60.6335, 41.2331,
31.3078

 65.0774, 33.4182,
29.2321

 70.0018, 25.9081,
26.4360

■ 75.3480, 18.8014,
23.0428

■ 81.0635, 12.1351,
19.1630

■ 87.1025, 5.9076,
14.8884

■ 93.4259, 0.0952,
10.2925

Harmonies

Analogous

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



50.7622, 96.5914, 19.1517



50.7607, 64.1128, 32.4009



50.7622, 17.9030, 35.0197

Triad

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



50.7622, 64.1074, 32.4016



50.7622, -58.4656, 17.8183



50.7622, 20.4236, -133.6063

Complementary

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



50.7607, 64.1128, 32.4009



64.4178, -15.2257, -47.6486

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.



50.7622, -20.4843, -135.2618



50.7607, 64.1128, 32.4009



50.7622, -58.1748, -21.9980

Square

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



50.7622, 64.1074, 32.4016



50.7622, -47.5096, 32.0754



50.7622, -46.5294, -84.8058



50.7622, 66.4462, -81.2485

Rectangle

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



50.7607, 64.1128, 32.4009



50.7622, -10.4043, 35.2187



50.7622, -46.5294, -84.8058



50.7622, 5.4691, -140.9840

Sweetspot

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



50.7622, 64.1074, 32.4016



81.0629, 12.1361, 19.1637



49.8476, 92.5625, -23.5833



36.3692, 6.8900, 9.6473

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



50.7622, 64.1074, 32.4016



50.7621, 64.1087, 32.4017



77.7911, 3.5315, 47.9963



43.3709, -0.0841, 4.6534



36.9846, 45.4799, 23.5860



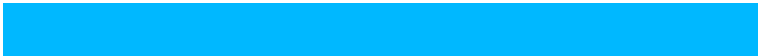
12.2730, 12.1257, 7.7748

Inverse Universe

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



64.4178, -15.2257, -47.6486



64.4177, -15.2253, -47.6495



32.2488, 52.2730, -153.1501



44.2447, -4.3972, 0.0505



46.8478, -11.4232, -33.8963



15.2352, -4.4567, -9.4218

Previews

White Background



This preview shows how the HunterLab color 50.7607, 64.1128, 32.4009 looks on a white background.

Color Contrast Check

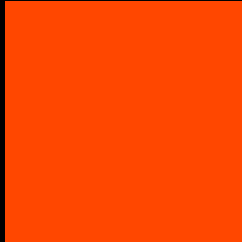
Large Text (above 18pt) WCAG AA ✓ Pass

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 50.7607, 64.1128, 32.4009 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 50.7607, 64.1128, 32.4009 Background



This preview shows how black text looks on a background with the HunterLab color 50.7607, 64.1128, 32.4009.



This preview shows how white text looks on a background with the HunterLab color 50.7607, 64.1128,

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

50.7607, 64.1128, 32.4009

Protanopia

50.9981, -7.0207, 30.0247

Deuteranopia

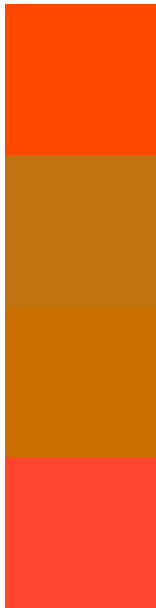
50.7273, 3.2644, 31.3151



Tritanopia

50.8296, 67.0137, 25.7353

Trichromacy



Original Color

50.7607, 64.1128, 32.4009

Protanomaly

48.6237, 18.5506, 29.5886

Deuteranomaly

49.1233, 25.7809, 30.7209

Tritanomaly

50.7008, 65.6254, 29.4873

Monochromacy



Original Color

50.7607, 64.1128, 32.4009

Achromatopsia

42.5634, -2.2711, 2.3126

Achromatomaly

42.5913, 17.9694, 17.2927

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 50.7607, 64.1128, 32.4009 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, 71, 0)` looks like.

```
.text, #text, p{  
    color:rgb(255, 71, 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, 71, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 71, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 50.7607, 64.1128, 32.4009 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, 71, 0) }
```


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

```
.border{ border-color:rgb(255, 71, 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, 71, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 71, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 71, 0);  
box-shadow:4px 4px 4px 4px rgb(255, 71, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 50.7607, 64.1128, 32.4009 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 71, 0) }
```

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

```
.background{ background-color: rgb(255, 71,  
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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