

Converting Colors

HunterLab(51.1800, 62.8713,
32.6376)

Have a look what the booklet for
HunterLab(51.1800, 62.8713,
32.6376) contains.

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Color

**HunterLab(51.1445, 62.9760,
32.6175)**

Conversions

Conversions Part 1

Format	Color
Hex	FF4A00
RGB	255, 74, 0
RGB Percent	100%, 29%, 0%
CMY	0.0000, 0.7098, 1.0000
CMYK	0.00, 0.71, 1.00, 0.00
HSL	17°, 100%, 50%
HSV	17°, 100%, 100%
XYZ	43.6888, 26.1576, 2.7463
YIQ	119.6830, 131.6300, 15.3580

Conversions

Conversions Part 2

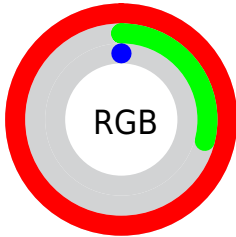
Format	Color
R_{YB}	255, 104, 0
Decimal	16730624
CIE Lab	58.19, 66.10, 69.25
CIE LCh	58, 95.737, 46.334
Yxy	26.1592, 0.6018, 0.3603
Android (android.graphics.Color)	4294920704 (0xFFFF4A00)
YUV	119.6830, -59.0037, 118.6730
Hunter-Lab	51.1445, 62.9760, 32.6175

Details

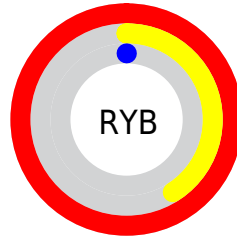
The HunterLab color **51.1445, 62.9760, 32.6175** is a dark color, and the websafe version is hex **FF3300**. The color can be described as dark saturated red. A complement of this color would be **63.4536, -13.7908, -49.5408**, and the grayscale version is **43.4035, -2.3159, 2.3582**.

A 20% lighter version of the original color is **61.9719, 37.1585, 34.1968**, and **32.8920, 56.3285, 21.2540** is the 20% darker color. If you saturate the color by 10%, you get **51.1457, 62.9717, 32.6181**, and if you desaturate by 10%, it is **53.8572, 55.7479, 33.1184**.

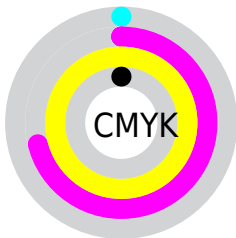
Distribution



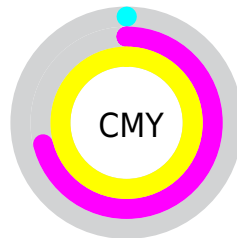
- Red (100%)
- Green (29%)
- Blue (0%)



- Red (100%)
- Yellow (41%)
- Blue (0%)



- Cyan (0%)
- Magenta (71%)
- Yellow (100%)
- Black (0%)



- Cyan (0%)
- Magenta (71%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.1445, 62.9760, 32.6175 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 51.1445, 62.9760, 32.6175 by changing the saturation by 10% instead.

51.1445, 62.9760,
32.6175

51.1445, 62.9760,
32.6175

168.3932, 78.7704,
71.0238

41.1616, 60.7670,
27.4205

73.1653, 67.1337,
42.3045

31.9276, 58.5284,
22.3493

85.1214, 69.0717,
46.8357

23.5108, 56.3554,
16.4575

97.6659, 70.9123,
51.1918

16.0000, 54.5119,
11.2000

110.7724, 72.6582,
55.3949

9.5216, 53.8165,
6.6651

124.4179, 74.3129,
59.4644

0.0000, INF, NaN

0.0000, INF, NaN

138.5817, 75.8804,

63.4166


0.0000, NaN, NaN


 153.2457, 77.3649,
67.2658


0.0000, NaN, NaN


 51.1445, 62.9760,
32.6175


 51.1445, 62.9760,
32.6175


 51.1457, 62.9717,
32.6181

 53.8572, 55.7479,
33.1184

 57.1807, 48.0140,
32.8271

 61.0803, 40.1681,
31.6140

 65.5006, 32.4790,
29.5504

 70.3834, 25.1148,
26.7503

75.6735, 18.1636,
23.3342

81.3207, 11.6565,
19.4111

87.2815, 5.5889,
15.0729

93.5187, -0.0639,
10.3938

Harmonies

Analogous

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



51.1460, 95.6060, 19.5537



51.1445, 62.9760, 32.6175



51.1460, 17.0150, 35.2108

Triad

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



51.1460, 62.9706, 32.6182



51.1460, -58.5680, 17.3854



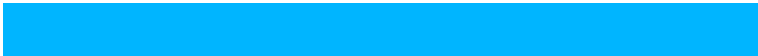
51.1460, 21.0845, -131.7010

Complementary

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



51.1445, 62.9760, 32.6175



63.4536, -13.7908, -49.5408

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.



51.1460, -19.8736, -134.3528



51.1445, 62.9760, 32.6175



51.1460, -58.0934, -22.7638

Square

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



51.1460, 62.9706, 32.6182



51.1460, -47.7815, 32.0768



51.1460, -46.1867, -85.1250



51.1460, 66.7378, -79.4174

Rectangle

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



51.1445, 62.9760, 32.6175



51.1460, -11.0493, 35.3831



51.1460, -46.1867, -85.1250



51.1460, 6.1538, -139.3121

Sweetspot

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



51.1460, 62.9706, 32.6182



81.3201, 11.6575, 19.4118



49.6673, 91.9189, -21.1030



36.5020, 6.6374, 9.7717

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



51.1460, 62.9706, 32.6182



51.1458, 62.9719, 32.6183



79.0271, 1.3732, 48.7201



43.4118, -0.1541, 4.6982



37.2689, 44.6473, 23.7465



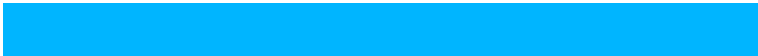
12.3722, 11.8590, 7.8313

Inverse Universe

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



63.4536, -13.7908, -49.5408



63.4535, -13.7904, -49.5418



31.5855, 54.5202, -157.1721



44.2022, -4.3286, -0.0005



46.1610, -10.4064, -35.2327



15.0434, -4.1825, -9.7740

Previews

White Background



This preview shows how the HunterLab color 51.1445, 62.9760, 32.6175 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 51.1445, 62.9760, 32.6175 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 51.1445, 62.9760, 32.6175 Background



This preview shows how black text looks on a background with the HunterLab color 51.1445, 62.9760, 32.6175.



This preview shows how white text looks on a background with the HunterLab color 51.1445, 62.9760,

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

51.1445, 62.9760, 32.6175

Protanopia

51.3836, -7.1213, 30.2700

Deuteranopia

51.1099, 3.1747, 31.5492



Tritanopia

51.2323, 66.0694, 25.4311

Trichromacy



Original Color

51.1445, 62.9760, 32.6175

Protanomaly

49.0955, 17.5670, 29.8689

Deuteranomaly

49.5656, 24.7958, 30.9762

Tritanomaly

51.0803, 64.5438, 29.6052

Monochromacy



Original Color

51.1445, 62.9760, 32.6175

Achromatopsia

43.3383, -2.3124, 2.3547

Achromatomaly

43.1941, 17.4617, 17.5363

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.1445, 62.9760, 32.6175 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, 74, 0)` looks like.

```
.text, #text, p{  
    color:rgb(255, 74, 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, 74, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 74, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 51.1445, 62.9760, 32.6175 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, 74, 0) }
```


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

```
.border{ border-color:rgb(255, 74, 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, 74, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 74, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 74, 0);  
box-shadow:4px 4px 4px 4px rgb(255, 74, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 51.1445, 62.9760, 32.6175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 74, 0) }
```

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

```
.background{ background-color: rgb(255, 74,  
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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