

Converting Colors

HunterLab(51.4492, 62.0819,
32.7896)

Have a look what the booklet for
HunterLab(51.4492, 62.0819,
32.7896) contains.

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Color

**HunterLab(51.4090, 62.1994,
32.7669)**

Conversions

Conversions Part 1

Format	Color
Hex	FF4C00
RGB	255, 76, 0
RGB Percent	100%, 30%, 0%
CMY	0.0000, 0.7019, 1.0000
CMYK	0.00, 0.70, 1.00, 0.00
HSL	18°, 100%, 50%
HSV	18°, 100%, 100%
XYZ	43.8244, 26.4289, 2.7915
YIQ	120.8570, 131.0800, 14.3120

Conversions

Conversions Part 2

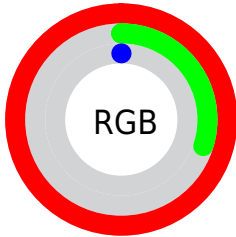
Format	Color
R_{YB}	255, 108, 0
Decimal	16731136
CIE _{Lab}	58.44, 65.40, 69.37
CIE _{LCh}	58, 95.341, 46.690
Yxy	26.4304, 0.6000, 0.3618
Android (android.graphics.Color)	4294921216 (0xFFFF4C00)
YUV	120.8570, -59.5825, 117.6434
Hunter-Lab	51.4090, 62.1994, 32.7669

Details

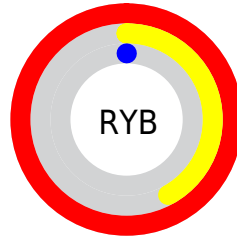
The HunterLab color **51.4090, 62.1994, 32.7669** is a dark color, and the websafe version is hex **FF3300**. The color can be described as dark saturated red. A complement of this color would be **62.8142, -12.8291, -50.8177**, and the grayscale version is **43.8617, -2.3404, 2.3831**.

A 20% lighter version of the original color is **62.1935, 36.6468, 34.3409**, and **32.8920, 56.3285, 21.2540** is the 20% darker color. If you saturate the color by 10%, you get **51.4102, 62.1951, 32.7675**, and if you desaturate by 10%, it is **54.1497, 54.9464, 33.2902**.

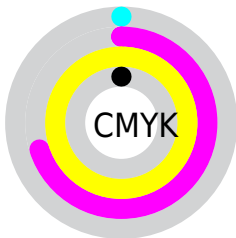
Distribution



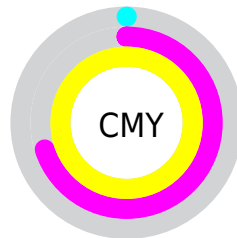
- Red (100%)
- Green (30%)
- Blue (0%)



- Red (100%)
- Yellow (42%)
- Blue (0%)



- Cyan (0%)
- Magenta (70%)
- Yellow (100%)
- Black (0%)



- Cyan (0%)
- Magenta (70%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.4090, 62.1994, 32.7669 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 51.4090, 62.1994, 32.7669 by changing the saturation by 10% instead.

51.4090, 62.1994,
32.7669

51.4090, 62.1994,
32.7669

168.7865, 77.7882,
71.1981

41.4077, 60.0085,
27.5687

73.4633, 66.3136,
42.4575

32.1537, 57.7822,
22.5076

85.4347, 68.2283,
46.9910

23.7150, 55.6096,
16.6005

97.9939, 70.0455,
51.3498

16.1798, 53.7389,
11.3258

111.1145, 71.7679,
55.5559

9.6729, 52.9376,
6.7710

124.7735, 73.3992,
59.6286


0.0000, INF, NaN

0.0000, INF, NaN


138.9503, 74.9436,


63.5841


0.0000, NaN, NaN


 153.6268, 76.4053,
67.4366


0.0000, NaN, NaN


 51.4090, 62.1994,
32.7669


 51.4090, 62.1994,
32.7669


 51.4102, 62.1951,
32.7675

 54.1497, 54.9464,
33.2902

 57.4851, 47.2389,
33.0183

 61.3813, 39.4559,
31.8201

 65.7847, 31.8523,
29.7637

 70.6391, 24.5861,
26.9604

75.8911, 17.7387,
23.5286

81.4924, 11.3376,
19.5765

87.4009, 5.3766,
15.1958

93.5805, -0.1699,
10.4613

Harmonies

Analogous

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



51.4105, 94.9343, 19.8298



51.4090, 62.1994, 32.7669



51.4105, 16.4063, 35.3436

Triad

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



51.4105, 62.1941, 32.7676



51.4105, -58.6377, 17.0800



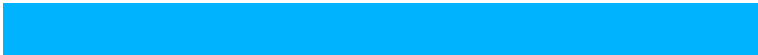
51.4105, 21.5419, -130.4092

Complementary

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



51.4090, 62.1994, 32.7669



62.8142, -12.8291, -50.8177

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.



51.4105, -19.4492, -133.7377



51.4090, 62.1994, 32.7669



51.4105, -58.0342, -23.2952

Square

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



51.4105, 62.1941, 32.7676



51.4105, -47.9695, 32.0716



51.4105, -45.9463, -85.3478



51.4105, 66.9406, -78.1754

Rectangle

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



51.4090, 62.1994, 32.7669



51.4105, -11.4929, 35.4978



51.4105, -45.9463, -85.3478



51.4105, 6.6281, -138.1786

Sweetspot

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



51.4105, 62.1941, 32.7676



81.4918, 11.3386, 19.5772



49.6673, 91.9188, -21.1030



36.5909, 6.4691, 9.8547

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



51.4105, 62.1941, 32.7676



51.4104, 62.1954, 32.7677



79.0270, 1.3732, 48.7200



43.4390, -0.2007, 4.7280



37.4644, 44.0799, 23.8571



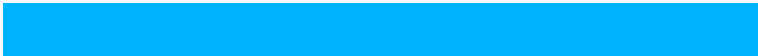
12.4397, 11.6793, 7.8697

Inverse Universe

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



62.8142, -12.8291, -50.8177



62.8141, -12.8287, -50.8187



31.5855, 54.5202, -157.1722



44.1740, -4.2828, -0.0345



45.7054, -9.7250, -36.1343



14.9160, -3.9990, -10.0112

Previews

White Background



This preview shows how the HunterLab color 51.4090, 62.1994, 32.7669 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 51.4090, 62.1994, 32.7669 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 51.4090, 62.1994, 32.7669 Background



This preview shows how black text looks on a background with the HunterLab color 51.4090, 62.1994, 32.7669.



This preview shows how white text looks on a background with the HunterLab color 51.4090, 62.1994,

32.7669.

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

51.4090, 62.1994, 32.7669

Protanopia

51.4825, -6.7689, 30.3396

Deuteranopia

51.4929, 3.0849, 31.7837



Tritanopia

51.3836, 65.8032, 25.1335

Trichromacy



Original Color

51.4090, 62.1994, 32.7669

Protanomaly

49.2297, 17.9779, 29.9606

Deuteranomaly

49.9320, 24.7220, 31.2007

Tritanomaly

51.2235, 64.2306, 29.4515

Monochromacy



Original Color

51.4090, 62.1994, 32.7669

Achromatopsia

43.7266, -2.3331, 2.3758

Achromatomaly

43.8007, 16.9525, 17.7825

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.4090, 62.1994, 32.7669 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, 76, 0)` looks like.

```
.text, #text, p{  
    color:rgb(255, 76, 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, 76, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 76, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 51.4090, 62.1994, 32.7669 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, 76, 0) }
```


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

```
.border{ border-color:rgb(255, 76, 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, 76, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 76, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 76, 0);  
box-shadow:4px 4px 4px 4px rgb(255, 76, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 51.4090, 62.1994, 32.7669 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 76, 0) }
```

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

```
.background{ background-color: rgb(255, 76,  
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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