

Converting Colors

HunterLab(51.4808, 61.9907,
32.8050)

Have a look what the booklet for
HunterLab(51.4808, 61.9907,
32.8050) contains.

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Color

**HunterLab(51.5439, 61.8055,
32.8431)**

Conversions

Conversions Part 1

Format	Color
Hex	FF4D00
RGB	255, 77, 0
RGB Percent	100%, 30%, 0%
CMY	0.0000, 0.6980, 1.0000
CMYK	0.00, 0.70, 1.00, 0.00
HSL	18°, 100%, 50%
HSV	18°, 100%, 100%
XYZ	43.8938, 26.5677, 2.8146
YIQ	121.4440, 130.8050, 13.7890

Conversions

Conversions Part 2

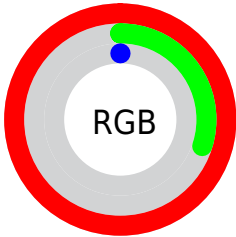
Format	Color
R_{YB}	255, 110, 0
Decimal	16731392
CIE _{Lab}	58.57, 65.04, 69.44
CIE _{LCh}	59, 95.141, 46.872
Yxy	26.5693, 0.5990, 0.3626
Android (android.graphics.Color)	4294921472 (0xFFFF4D00)
YUV	121.4440, -59.8719, 117.1286
Hunter-Lab	51.5439, 61.8055, 32.8431

Details

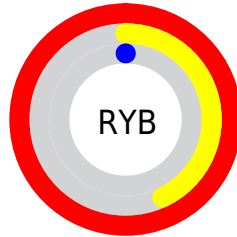
The HunterLab color **51.5439, 61.8055, 32.8431** is a dark color, and the websafe version is hex **FF3300**. The color can be described as dark saturated red. A complement of this color would be **62.4958, -12.3469, -51.4605**, and the grayscale version is **44.0912, -2.3526, 2.3956**.

A 20% lighter version of the original color is **62.4256, 36.1789, 34.3499**, and **32.8920, 56.3285, 21.2540** is the 20% darker color. If you saturate the color by 10%, you get **51.5450, 61.8014, 32.8437**, and if you desaturate by 10%, it is **54.2980, 54.5423, 33.3773**.

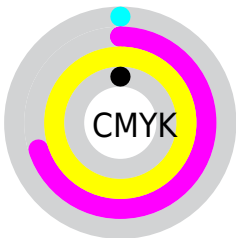
Distribution



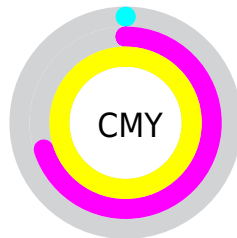
- Red (100%)
- Green (30%)
- Blue (0%)



- Red (100%)
- Yellow (43%)
- 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 51.5439, 61.8055, 32.8431 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 51.5439, 61.8055, 32.8431 by changing the saturation by 10% instead.

51.5439, 61.8055,
32.8431

51.5439, 61.8055,
32.8431

168.9869, 77.2893,
71.2871

41.5332, 59.6240,
27.6443

73.6152, 65.8973,
42.5355

32.2691, 57.4043,
22.5883

85.5945, 67.8002,
47.0703

23.8193, 55.2324,
16.6735

98.1611, 69.6054,
51.4305

16.2716, 53.3489,
11.3901

111.2889, 71.3158,
55.6381

9.7502, 52.4964,
6.8252

124.9547, 72.9352,
59.7124


0.0000, INF, NaN

0.0000, INF, NaN


139.1382, 74.4678,


63.6696


0.0000, NaN, NaN


 153.8211, 75.9178,
67.5239


0.0000, NaN, NaN


 51.5439, 61.8055,
32.8431


 51.5439, 61.8055,
32.8431


 51.5450, 61.8014,
32.8437

 54.2980, 54.5423,
33.3773

 57.6389, 46.8496,
33.1148

 61.5330, 39.0989,
31.9236

 65.9276, 31.5385,
29.8706

 70.7675, 24.3216,
27.0655

■ 76.0003, 17.5261,
23.6257

■ 81.5785, 11.1781,
19.6590

■ 87.4608, 5.2702,
15.2571

■ 93.6116, -0.2231,
10.4949

Harmonies

Analogous

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



51.5454, 94.5938, 19.9701



51.5439, 61.8055, 32.8431



51.5454, 16.0971, 35.4116

Triad

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



51.5454, 61.8002, 32.8438



51.5454, -58.6728, 16.9221



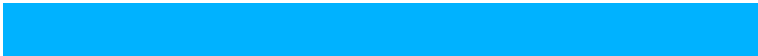
51.5454, 21.7755, -129.7568

Complementary

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



51.5439, 61.8055, 32.8431



62.4958, -12.3469, -51.4605

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.



51.5454, -19.2317, -133.4272



51.5439, 61.8055, 32.8431



51.5454, -58.0031, -23.5670

Square

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



51.5454, 61.8002, 32.8438



51.5454, -48.0655, 32.0671



51.5454, -45.8224, -85.4620



51.5454, 67.0443, -77.5483

Rectangle

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



51.5439, 61.8055, 32.8431



51.5454, -11.7188, 35.5566



51.5454, -45.8224, -85.4620



51.5454, 6.8706, -137.6061

Sweetspot

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



51.5454, 61.8002, 32.8438



81.5778, 11.1793, 19.6599



49.4918, 91.2910, -18.6796



36.6354, 6.3850, 9.8961

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



51.5454, 61.8002, 32.8438



51.5452, 61.8017, 32.8439



80.2780, -0.7770, 49.4532



43.4526, -0.2240, 4.7429



37.5639, 43.7926, 23.9134



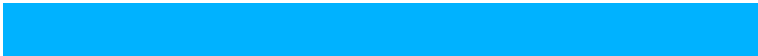
12.4738, 11.5889, 7.8892

Inverse Universe

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



62.4958, -12.3469, -51.4605



62.4956, -12.3464, -51.4617



30.9644, 56.6896, -161.0788



44.1598, -4.2599, -0.0516



45.4785, -9.3833, -36.5882



14.8526, -3.9069, -10.1304

Previews

White Background



This preview shows how the HunterLab color 51.5439, 61.8055, 32.8431 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 51.5439, 61.8055, 32.8431 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 51.5439, 61.8055, 32.8431 Background



This preview shows how black text looks on a background with the HunterLab color 51.5439, 61.8055, 32.8431.



This preview shows how white text looks on a background with the HunterLab color 51.5439, 61.8055, 32.8431.

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

51.5439, 61.8055, 32.8431

Protanopia

51.7695, -7.2221, 30.5155

Deuteranopia

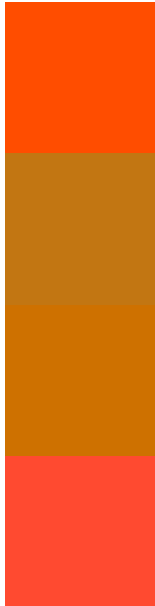
51.4929, 3.0849, 31.7837



Tritanopia

51.5237, 65.4801, 25.0269

Trichromacy



Original Color

51.5439, 61.8055, 32.8431

Protanomaly

49.4670, 17.4855, 30.1016

Deuteranomaly

49.9320, 24.7220, 31.2007

Tritanomaly

51.3527, 63.8479, 29.5325

Monochromacy



Original Color

51.5439, 61.8055, 32.8431

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 51.5439, 61.8055, 32.8431 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, 77, 0)` looks like.

```
.text, #text, p{  
  color:rgb(255, 77, 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, 77, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 77, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 51.5439, 61.8055, 32.8431 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, 77, 0) }
```


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

```
.border{ border-color:rgb(255, 77, 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, 77, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 77, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 77, 0);  
box-shadow:4px 4px 4px 4px rgb(255, 77, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 51.5439, 61.8055, 32.8431 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 77, 0) }
```

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

```
.background{ background-color: rgb(255, 77,  
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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