

Converting Colors

HunterLab(48.5085, 71.0415,
31.1344)

Have a look what the booklet for
HunterLab(48.5085, 71.0415,
31.1344) contains.

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Color

**HunterLab(48.5193, 71.0074,
31.1405)**

Conversions

Conversions Part 1

Format	Color
Hex	FF3200
RGB	255, 50, 0
RGB Percent	100%, 20%, 0%
CMY	0.0000, 0.8038, 1.0000
CMYK	0.00, 0.80, 1.00, 0.00
HSL	12°, 100%, 50%
HSV	12°, 100%, 100%
XYZ	42.3806, 23.5412, 2.3102
YIQ	105.5950, 138.2300, 27.9100

Conversions

Conversions Part 2

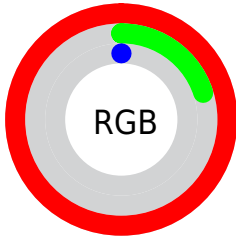
Format	Color
R_{YB}	255, 62, 0
Decimal	16724480
CIE Lab	55.63, 73.25, 68.12
CIE LCh	56, 100.032, 42.924
Yxy	23.5427, 0.6211, 0.3450
Android (android.graphics.Color)	4294914560 (0xFFFF3200)
YUV	105.5950, -52.0583, 131.0282
Hunter-Lab	48.5193, 71.0074, 31.1405

Details

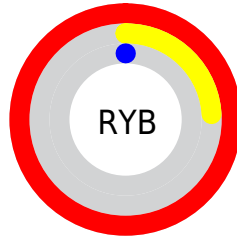
The HunterLab color **48.5193, 71.0074, 31.1405** is a dark color, and the websafe version is hex **FF3300**. The color can be described as dark saturated red. A complement of this color would be **71.3259, -25.0246, -35.1300**, and the grayscale version is **37.9685, -2.0259, 2.0629**.

A 20% lighter version of the original color is **58.1880, 46.0715, 32.1632**, and **32.6977, 55.9957, 21.1284** is the 20% darker color. If you saturate the color by 10%, you get **48.5207, 71.0020, 31.1412**, and if you desaturate by 10%, it is **50.7716, 64.5884, 31.3085**.

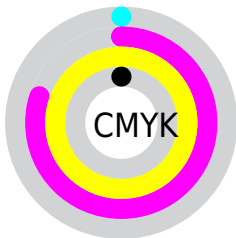
Distribution



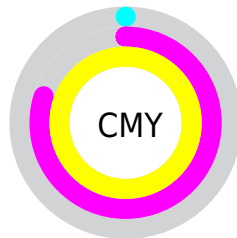
- Red (100%)
- Green (20%)
- Blue (0%)



- Red (100%)
- Yellow (24%)
- Blue (0%)



- Cyan (0%)
- Magenta (80%)
- Yellow (100%)
- Black (0%)





- Cyan (0%)
- Magenta (80%)
- Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 48.5193, 71.0074, 31.1405 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 48.5193, 71.0074, 31.1405 by changing the saturation by 10% instead.


 48.5193, 71.0074,
31.1405


 48.5193, 71.0074,
31.1405


164.4689, 88.8098,
69.3362


 38.7230, 68.6449,
25.9775


 70.2018, 75.5710,
40.8024


 29.6912, 66.3290,
20.7839


 82.0024, 77.7336,
45.3144


 21.4969, 64.2358,
15.0478

 94.3989, 79.8043,
49.6477

 14.2364, 62.8412,
9.9655

 107.3638, 81.7820,
53.8254

 7.8927, 65.5192,
5.5249

 120.8733, 83.6685,
57.8673


0.0000, INF, NaN

0.0000, INF, NaN


 134.9063, 85.4664,


61.7904


0.0000, NaN, NaN


 149.4438, 87.1790,
65.6092


0.0000, NaN, NaN


 48.5193, 71.0074,
31.1405


 48.5193, 71.0074,
31.1405

 48.5207, 71.0020,
31.1412

 50.7716, 64.5884,
31.3085

 53.8365, 56.9098,
30.7207

 57.6801, 48.5389,
29.2693

 62.2293, 39.9437,
27.0677

 67.4000, 31.4561,
24.2685

73.1095, 23.2745,
21.0164

79.2833, 15.4945,
17.4297

85.8573, 8.1438,
13.5973

92.7778, 1.2108,
9.5835

Harmonies

Analogous

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



48.5208, 102.6186, 16.7671



48.5193, 71.0074, 31.1405



48.5208, 23.2110, 33.9401

Triad

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



48.5208, 71.0017, 31.1412



48.5208, -57.8357, 20.0975



48.5208, 16.6325, -145.5328

Complementary

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



48.5193, 71.0074, 31.1405



71.3259, -25.0246, -35.1300

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.



48.5208, -23.9232, -141.0003



48.5193, 71.0074, 31.1405



48.5208, -58.5444, -17.6531

Square

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



48.5208, 71.0017, 31.1412



48.5208, -45.9446, 31.8549



48.5208, -48.3820, -83.0499



48.5208, 64.8097, -92.6926

Rectangle

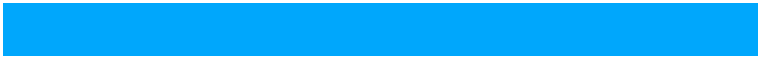
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



48.5193, 71.0074, 31.1405



48.5208, -6.6058, 33.9646



48.5208, -48.3820, -83.0499



48.5208, 1.5576, -151.4539

Sweetspot

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



48.5208, 71.0017, 31.1412



79.2832, 15.4951, 17.4300



50.8195, 96.0150, -36.8133



35.4516, 8.6623, 8.7795

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



48.5208, 71.0017, 31.1412



48.5209, 71.0023, 31.1413



71.8531, 14.4279, 44.5281



43.0856, 0.4062, 4.3401



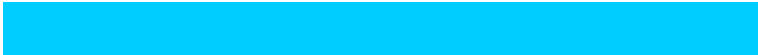
35.3046, 50.5940, 22.6402



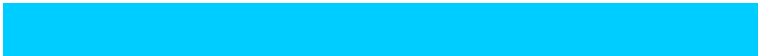
11.6489, 13.8743, 7.4209

Inverse Universe

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



71.3259, -25.0246, -35.1300



71.3260, -25.0246, -35.1304



36.1495, 40.3036, -132.1875



44.5424, -4.8767, 0.4070



51.7657, -18.3715, -25.0438



16.6027, -6.3384, -7.0692

Previews

White Background



This preview shows how the HunterLab color 48.5193, 71.0074, 31.1405 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 48.5193, 71.0074, 31.1405 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 48.5193, 71.0074, 31.1405 Background



This preview shows how black text looks on a background with the HunterLab color 48.5193, 71.0074, 31.1405.



This preview shows how white text looks on a background with the HunterLab color 48.5193, 71.0074,

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

48.5193, 71.0074, 31.1405

Protanopia

48.6139, -6.6814, 28.2577

Deuteranopia

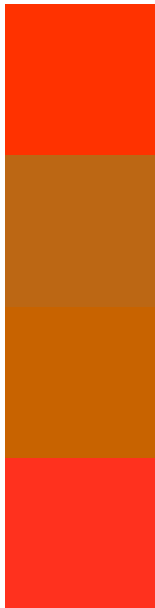
48.4805, 2.5593, 29.9183



Tritanopia

48.5584, 72.3921, 27.9051

Trichromacy



Original Color

48.5193, 71.0074, 31.1405

Protanomaly

45.2132, 22.4008, 27.3845

Deuteranomaly

46.0468, 29.0503, 28.8824

Tritanomaly

48.5287, 71.6670, 29.6571

Monochromacy



Original Color

48.5193, 71.0074, 31.1405

Achromatopsia

37.9643, -2.0257, 2.0627

Achromatomaly

38.1240, 21.4847, 15.6096

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 48.5193, 71.0074, 31.1405 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, 50, 0)` looks like.

```
.text, #text, p{  
    color:rgb(255, 50, 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, 50, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 50, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 48.5193, 71.0074, 31.1405 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, 50, 0) }
```


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

```
.border{ border-color:rgb(255, 50, 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, 50, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 50, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 50, 0);  
box-shadow:4px 4px 4px 4px rgb(255, 50, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 48.5193, 71.0074, 31.1405 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 50, 0) }
```

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

```
.background{ background-color: rgb(255, 50,  
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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