

Converting Colors

HunterLab(49.5266, 68.8136,
29.6327)

Have a look what the booklet for
HunterLab(49.5266, 68.8136,
29.6327) contains.

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Color

**HunterLab(49.5192, 68.8390,
29.6230)**

Conversions

Conversions Part 1

Format	Color
Hex	FF3B25
RGB	255, 59, 37
RGB Percent	100%, 23%, 15%
CMY	0.0000, 0.7686, 0.8549
CMYK	0.00, 0.77, 0.85, 0.00
HSL	6°, 100%, 57%
HSV	6°, 85%, 100%
XYZ	43.1379, 24.5215, 4.2098
YIQ	115.0960, 123.8780, 34.7100

Conversions

Conversions Part 2

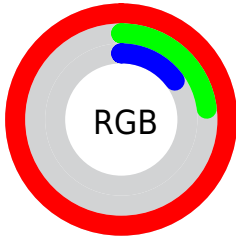
Format	Color
R_{YB}	255, 61, 37
Decimal	16726821
CIE _{Lab}	56.61, 71.28, 57.56
CIE _{LCh}	57, 91.619, 38.918
Yxy	24.5230, 0.6002, 0.3412
Android (android.graphics.Color)	4294916901 (0xFFFF3B25)
YUV	115.0960, -38.5013, 122.6958
Hunter-Lab	49.5192, 68.8390, 29.6230

Details

The HunterLab color **49.5192, 68.8390, 29.6230** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **81.1679, -36.6006, -19.7323**, and the grayscale version is **41.5555, -2.2173, 2.2578**.

A 20% lighter version of the original color is **59.8757, 43.9165, 28.9460**, and **32.8920, 56.3285, 21.2540** is the 20% darker color. If you saturate the color by 10%, you get **47.4894, 74.5221, 30.1529**, and if you desaturate by 10%, it is **52.5727, 61.2476, 28.2458**.

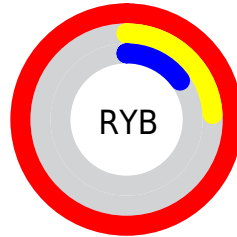
Distribution



Red (100%)

Green (23%)

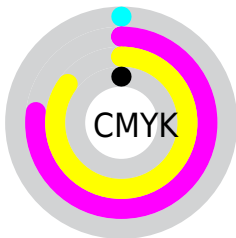
Blue (15%)



Red (100%)

Yellow (24%)

Blue (15%)

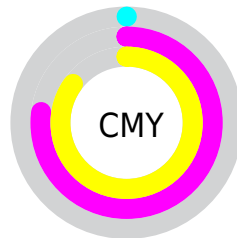


Cyan (0%)

Magenta (77%)

Yellow (85%)

Black (0%)



Cyan (0%)


Magenta (77%)


Yellow (85%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 49.5192, 68.8390, 29.6230 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 49.5192, 68.8390, 29.6230 by changing the saturation by 10% instead.


 49.5192, 68.8390,
29.6230


 49.5192, 68.8390,
29.6230


165.9681, 86.0832,
62.4016


 39.6510, 66.5136,
25.1519


 71.3319, 73.2936,
37.8871


 30.5413, 64.2076,
20.6241


 83.1923, 75.3941,
41.7421


 22.2610, 62.0674,
15.5827

 95.6456, 77.4005,
45.4489

 14.9037, 60.4879,
10.4326

 108.6650, 79.3133,
49.0292

 8.5528, 61.2652,
5.9870

 122.2267, 81.1345,
52.5009

0.0000, INF, NaN

0.0000, INF, NaN

 136.3099, 82.8676,

55.8790

0.0000, NaN, NaN

150.8960, 84.5159,
59.1757

0.0000, NaN, NaN

■ 49.5192, 68.8390,
29.6230

■ 49.5192, 68.8390,
29.6230

■ 47.4894, 74.5221,
30.1529

■ 52.5727, 61.2476,
28.2458

■ 46.8910, 76.3132,
30.2300

■ 56.6041, 52.4332,
26.1262

■ 61.5201, 43.0449,
23.4625

■ 67.2054, 33.5744,
20.4498

■ 73.5469, 24.3226,
17.2399

80.4442, 15.4388,
13.9346

87.8128, 6.9733,
10.5960

95.5835, -1.0793,
7.2584

99.9999, -5.3360,
5.4331

Harmonies

Analogous

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



49.5207, 93.3633, 12.3884



49.5192, 68.8390, 29.6230



49.5207, 26.7898, 33.6506

Triad

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



49.5207, 68.8335, 29.6238



49.5207, -54.3988, 21.8803



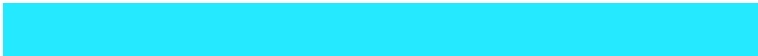
49.5207, 9.3198, -128.8657

Complementary

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



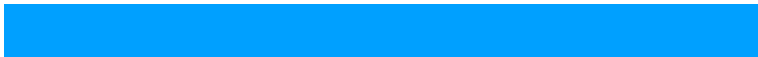
49.5192, 68.8390, 29.6230



81.1679, -36.6006, -19.7323

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.



49.5207, -26.4898, -117.7005



49.5192, 68.8390, 29.6230



49.5207, -56.4901, -9.4661

Square

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



49.5207, 68.8335, 29.6238



49.5207, -40.9958, 32.1126



49.5207, -47.9710, -64.7779



49.5207, 52.7547, -88.9166

Rectangle

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



49.5192, 68.8390, 29.6230



49.5207, -1.2434, 34.1625



49.5207, -47.9710, -64.7779



49.5207, -4.0311, -131.3599

Sweetspot

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



49.5207, 68.8335, 29.6238



80.0804, 15.8823, 14.1045



53.3645, 96.0612, -51.2522



35.9210, 8.7536, 7.0577

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



49.5207, 68.8335, 29.6238



46.8912, 76.3135, 30.2301



70.2317, 18.2527, 42.1183



42.7575, 0.9743, 3.9773



34.0371, 54.6922, 21.9310



11.0516, 15.6762, 7.0844

Inverse Universe

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



81.1679, -36.6006, -19.7323



79.6217, -35.9033, -22.0153



46.9882, 16.7137, -90.1293



44.8881, -5.4296, 0.8178



57.6658, -26.0928, -15.7504



18.2333, -8.4430, -4.5640

Previews

White Background



This preview shows how the HunterLab color 49.5192, 68.8390, 29.6230 looks on a white background.

Color Contrast Check

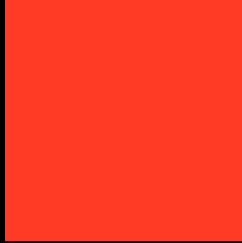
Large Text (above 18pt) WCAG AA ✓ Pass

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 49.5192, 68.8390, 29.6230 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 49.5192, 68.8390, 29.6230 Background



This preview shows how black text looks on a background with the HunterLab color 49.5192, 68.8390, 29.6230.



This preview shows how white text looks on a background with the HunterLab color 49.5192, 68.8390,

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

49.5192, 68.8390, 29.6230

Protanopia

49.5674, -5.8361, 25.9658

Deuteranopia

49.4683, 3.1471, 30.5373



Tritanopia

49.4891, 70.1725, 26.9277

Trichromacy



Original Color

49.5192, 68.8390, 29.6230

Protanomaly

46.6537, 21.2893, 25.4278

Deuteranomaly

47.4197, 27.6099, 29.2270

Tritanomaly

49.5140, 69.5523, 28.1145

Monochromacy



Original Color

49.5192, 68.8390, 29.6230

Achromatopsia

41.4054, -2.2093, 2.2496

Achromatomaly

41.2062, 21.1906, 12.7881

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.5192, 68.8390, 29.6230 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, 59, 37)` looks like.

```
.text, #text, p{  
    color:rgb(255, 59, 37)  
}
```

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, 59, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 59, 37) }
```

Border

The CSS property to change the border of an element to HunterLab 49.5192, 68.8390, 29.6230 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, 59, 37) }
```


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

```
.border{ border-color:rgb(255, 59, 37) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(255, 59, 37) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 59, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 59, 37);  
box-shadow:4px 4px 4px 4px rgb(255, 59,  
37) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.5192, 68.8390, 29.6230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 59, 37) }
```

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

```
.background{ background-color: rgb(255, 59,  
37) }
```

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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