

Converting Colors

HunterLab(49.3156, 64.1689,
30.7099)

Have a look what the booklet for
HunterLab(49.3156, 64.1689,
30.7099) contains.

HunterLab(49.2655, 64.1448, 30.6837)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(49.2655, 64.1448,
30.6837)**

Conversions

Conversions Part 1

Format	Color
Hex	FA4214
RGB	250, 66, 20
RGB Percent	98%, 26%, 8%
CMY	0.0196, 0.7411, 0.9216
CMYK	0.00, 0.74, 0.92, 0.02
HSL	12°, 96%, 53%
HSV	12°, 92%, 98%
XYZ	41.4988, 24.2709, 3.1593
YIQ	115.7720, 124.4300, 24.7020

Conversions

Conversions Part 2

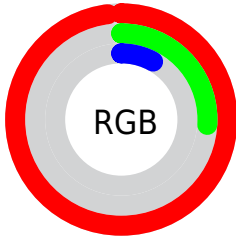
Format	Color
R_{YB}	250, 78, 20
Decimal	16400916
CIE _{Lab}	56.36, 67.42, 63.30
CIE _{LCh}	56, 92.481, 43.192
Yxy	24.2724, 0.6020, 0.3521
Android (android.graphics.Color)	4294590996 (0xFFFA4214)
YUV	115.7720, -47.2156, 117.7180
Hunter-Lab	49.2655, 64.1448, 30.6837

Details

The HunterLab color **49.2655, 64.1448, 30.6837** is a dark color, and the websafe version is hex **FF3300**. The color can be described as dark washed red. A complement of this color would be **70.8732, -25.4675, -32.4345**, and the grayscale version is **41.8479, -2.2329, 2.2737**.

A 20% lighter version of the original color is **60.5498, 41.1527, 31.8587**, and **31.9223, 54.6680, 20.6274** is the 20% darker color. If you saturate the color by 10%, you get **47.5460, 69.0868, 30.5071**, and if you desaturate by 10%, it is **52.1256, 56.8055, 30.2901**.

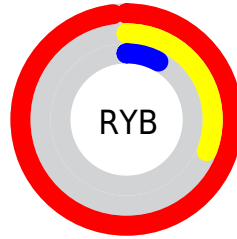
Distribution



Red (98%)

Green (26%)

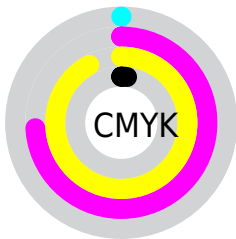
Blue (8%)



Red (98%)

Yellow (31%)

Blue (8%)

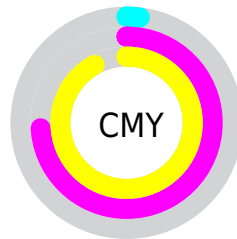


Cyan (0%)

Magenta (74%)

Yellow (92%)

Black (2%)



Cyan (2%)

Magenta (74%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.2655, 64.1448, 30.6837 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 49.2655, 64.1448, 30.6837 by changing the saturation by 10% instead.

49.2655, 64.1448,
30.6837

49.2655, 64.1448,
30.6837

165.5882, 80.4298,
66.3679

39.4155, 61.8964,
25.8208

71.0453, 68.4063,
39.7006

30.3254, 59.6400,
21.2278

82.8906, 70.4005,
43.9078

22.0668, 57.4980,
15.4467

95.3296, 72.2980,
47.9502

14.7338, 55.8107,
10.3137

108.3352, 74.1004,
51.8502

8.3907, 56.4086,
5.8735

121.8837, 75.8109,
55.6272

0.0000, INF, NaN

0.0000, INF, NaN

135.9542, 77.4333,

59.2971

0.0000, NaN, NaN

150.5280, 78.9716,
62.8735

0.0000, NaN, NaN

49.2655, 64.1448,
30.6837

49.2655, 64.1448,
30.6837

47.5460, 69.0868,
30.5071

52.1256, 56.8055,
30.2901

55.7461, 48.7273,
29.0407

60.0618, 40.3733,
27.0290

64.9924, 32.0856,
24.3992

70.4577, 24.0746,
21.2949

76.3845, 16.4462,
17.8363

82.7092, 9.2362,
14.1158

89.3783, 2.4379,
10.2008

96.3474, -3.9770,
6.1389

Harmonies

Analogous

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



49.2670, 92.6687, 16.2467



49.2655, 64.1448, 30.6837



49.2670, 20.7649, 33.7598

Triad

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



49.2670, 64.1395, 30.6844



49.2670, -55.5163, 19.0635



49.2670, 15.5113, -127.8382

Complementary

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



49.2655, 64.1448, 30.6837



70.8732, -25.4675, -32.4345

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.



49.2670, -22.3408, -124.4382



49.2655, 64.1448, 30.6837



49.2670, -56.1348, -16.3447

Square

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



49.2670, 64.1395, 30.6844



49.2670, -43.8925, 31.4000



49.2670, -45.9653, -74.4452



49.2670, 59.2859, -81.7740

Rectangle

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



49.2655, 64.1448, 30.6837



49.2670, -6.7037, 34.0802



49.2670, -45.9653, -74.4452



49.2670, 1.5776, -133.1017

Sweetspot

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



49.2670, 64.1395, 30.6844



80.6468, 13.8414, 16.7594



50.1834, 92.0653, -34.9583



36.0424, 7.9049, 8.4993

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



49.2670, 64.1395, 30.6844



48.6096, 70.7207, 31.1911



73.0903, 9.0352, 44.6592



42.1751, 0.3689, 4.2574



34.8580, 49.5921, 22.3476



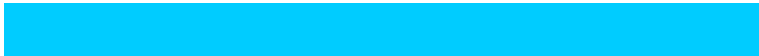
11.2576, 13.1406, 7.1670

Inverse Universe

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



70.8732, -25.4675, -32.4345



70.9921, -24.5684, -35.6980



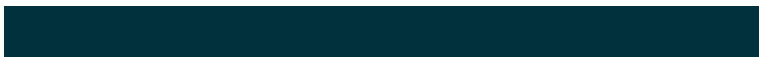
37.6771, 34.1052, -118.5086



43.5706, -4.7448, 0.3858



50.7720, -17.7942, -25.0480



15.9125, -6.0376, -6.8558

Previews

White Background



This preview shows how the HunterLab color 49.2655, 64.1448, 30.6837 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 49.2655, 64.1448, 30.6837 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 49.2655, 64.1448, 30.6837 Background



This preview shows how black text looks on a background with the HunterLab color 49.2655, 64.1448, 30.6837.



This preview shows how white text looks on a background with the HunterLab color 49.2655, 64.1448,

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

49.2655, 64.1448, 30.6837

Protanopia

49.4139, -6.6884, 28.2314

Deuteranopia

49.3543, 2.7632, 30.4602



Tritanopia

49.3200, 67.2596, 25.7373

Trichromacy



Original Color

49.2655, 64.1448, 30.6837

Protanomaly

47.0735, 18.7554, 27.7021

Deuteranomaly

47.5424, 25.7270, 29.4951

Tritanomaly

49.2723, 66.2707, 28.1567

Monochromacy



Original Color

49.2655, 64.1448, 30.6837

Achromatopsia

41.7908, -2.2299, 2.2706

Achromatomaly

41.6278, 18.7854, 14.8923

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.2655, 64.1448, 30.6837 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(250, 66, 20)` looks like.

```
.text, #text, p{  
    color:rgb(250, 66, 20)  
}
```

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(250, 66, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 66, 20) }
```

Border

The CSS property to change the border of an element to HunterLab 49.2655, 64.1448, 30.6837 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(250, 66, 20) }
```


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

```
.border{ border-color:rgb(250, 66, 20) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 66, 20)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 66, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 66, 20);  
box-shadow:4px 4px 4px 4px rgb(250, 66,  
20) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.2655, 64.1448, 30.6837 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 66, 20) }
```

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

```
.background{ background-color: rgb(250, 66,  
20) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor