

Converting Colors

HunterLab(49.0118, 70.3679,
29.4426)

Have a look what the booklet for
HunterLab(49.0118, 70.3679,
29.4426) contains.

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Color

**HunterLab(49.0160, 70.3679,
29.4164)**

Conversions

Conversions Part 1

Format	Color
Hex	FF3624
RGB	255, 54, 36
RGB Percent	100%, 21%, 14%
CMY	0.0000, 0.7882, 0.8588
CMYK	0.00, 0.79, 0.86, 0.00
HSL	5°, 100%, 57%
HSV	5°, 86%, 100%
XYZ	42.8776, 24.0257, 4.0466
YIQ	112.0470, 125.5740, 37.0140

Conversions

Conversions Part 2

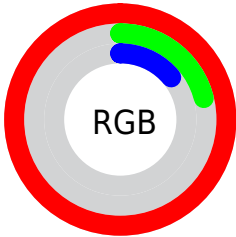
Format	Color
R _Y B	255, 56, 36
Decimal	16725540
CIE Lab	56.11, 72.63, 57.59
CIE LCh	56, 92.695, 38.411
Yxy	24.0272, 0.6043, 0.3386
Android (android.graphics.Color)	4294915620 (0xFFFF3624)
YUV	112.0470, -37.4912, 125.3698
Hunter-Lab	49.0160, 70.3679, 29.4164

Details

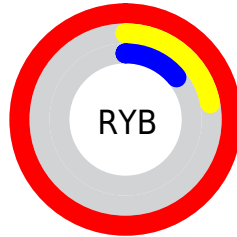
The HunterLab color **49.0160, 70.3679, 29.4164** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **82.5551, -38.4015, -17.7477**, and the grayscale version is **40.3795, -2.1545, 2.1939**.

A 20% lighter version of the original color is **59.0531, 45.8518, 28.5622**, and **32.8920, 56.3285, 21.2540** is the 20% darker color. If you saturate the color by 10%, you get **47.1623, 75.5844, 30.0052**, and if you desaturate by 10%, it is **51.9315, 63.0345, 27.9818**.

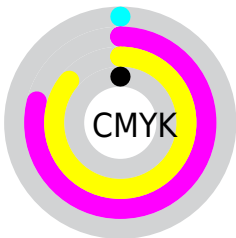
Distribution



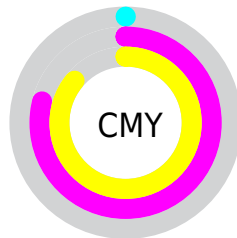
- Red (100%)
- Green (21%)
- Blue (14%)



- Red (100%)
- Yellow (22%)
- Blue (14%)



- Cyan (0%)
- Magenta (79%)
- Yellow (86%)
- Black (0%)



- Cyan (0%)
- Magenta (79%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.0160, 70.3679, 29.4164 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 49.0160, 70.3679, 29.4164 by changing the saturation by 10% instead.

49.0160, 70.3679,
29.4164

49.0160, 70.3679,
29.4164

165.2143, 87.9830,
62.2701

39.1839, 68.0167,
24.9304

70.7634, 74.8954,
37.7055

30.1132, 65.7012,
20.4356

82.5938, 77.0371,
41.5706

21.8760, 63.5850,
15.3132

95.0186, 79.0861,
45.2862

14.5672, 62.1086,
10.1970

108.0106, 81.0419,
48.8743

8.2278, 63.7594,
5.7595

121.5461, 82.9064,
52.3529

0.0000, INF, NaN

0.0000, INF, NaN

135.6041, 84.6825,

55.7370

0.0000, NaN, NaN

150.1658, 86.3735,
59.0393

0.0000, NaN, NaN

■ 49.0160, 70.3679,
29.4164

■ 49.0160, 70.3679,
29.4164

■ 47.1623, 75.5844,
30.0052

■ 51.9315, 63.0345,
27.9818

■ 46.6855, 77.0023,
30.1154

■ 55.8755, 54.2693,
25.8122

■ 60.7555, 44.7735,
23.1185

■ 66.4511, 35.1000,
20.1074

■ 72.8413, 25.5970,
16.9367

79.8181, 16.4428,
13.7090

87.2905, 7.7030,
10.4836

95.1844, -0.6216,
7.2906

99.9999, -5.3361,
5.4331

Harmonies

Analogous

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



49.0175, 94.8273, 11.9325



49.0160, 70.3679, 29.4164



49.0175, 27.8704, 33.4194

Triad

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



49.0175, 70.3623, 29.4172



49.0175, -54.3882, 22.2190



49.0175, 8.7460, -131.6720

Complementary

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



49.0160, 70.3679, 29.4164



82.5551, -38.4015, -17.7477

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.



49.0175, -27.0991, -119.3018



49.0160, 70.3679, 29.4164



49.0175, -56.6402, -8.8540

Square

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



49.0175, 70.3623, 29.4172



49.0175, -40.8068, 32.0369



49.0175, -48.3541, -64.8151



49.0175, 52.6989, -91.4926

Rectangle

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



49.0160, 70.3679, 29.4164



49.0175, -0.5378, 33.9663



49.0175, -48.3541, -64.8151



49.0175, -4.6642, -133.8977

Sweetspot

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



49.0175, 70.3623, 29.4172



79.7329, 16.5488, 13.7473



53.6998, 97.6830, -56.5640



35.7430, 9.1031, 6.8783

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



49.0175, 70.3623, 29.4172



46.6857, 77.0026, 30.1156



68.2375, 22.2238, 40.9864



42.6931, 1.0862, 3.9059



33.8697, 55.2504, 21.8376



10.9338, 16.0484, 7.0183

Inverse Universe

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



82.5551, -38.4015, -17.7477



81.2885, -37.9963, -19.5804



48.7861, 12.9749, -84.6873



44.9562, -5.5382, 0.8985



58.8507, -27.5791, -14.0229



18.5598, -8.8495, -4.0946

Previews

White Background



This preview shows how the HunterLab color 49.0160, 70.3679, 29.4164 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 49.0160, 70.3679, 29.4164 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 49.0160, 70.3679, 29.4164 Background



This preview shows how black text looks on a background with the HunterLab color 49.0160, 70.3679, 29.4164.



This preview shows how white text looks on a background with the HunterLab color 49.0160, 70.3679,

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

49.0160, 70.3679, 29.4164

Protanopia

49.0892, -6.0708, 25.6234

Deuteranopia

48.9739, 2.8525, 30.2274



Tritanopia

49.0543, 71.1910, 27.4024

Trichromacy



Original Color

49.0160, 70.3679, 29.4164

Protanomaly

46.0665, 21.8632, 25.0289

Deuteranomaly

46.6411, 28.6510, 28.7576

Tritanomaly

49.0015, 70.9810, 28.1831

Monochromacy



Original Color

49.0160, 70.3679, 29.4164

Achromatopsia

40.2529, -2.1478, 2.1870

Achromatomaly

40.0185, 22.0810, 12.6191

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.0160, 70.3679, 29.4164 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, 54, 36)` looks like.

```
.text, #text, p{  
    color:rgb(255, 54, 36)  
}
```

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, 54, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 54, 36) }
```

Border

The CSS property to change the border of an element to HunterLab 49.0160, 70.3679, 29.4164 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, 54, 36) }
```


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

```
.border{ border-color:rgb(255, 54, 36) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 54, 36)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 54, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 54, 36);  
box-shadow:4px 4px 4px 4px rgb(255, 54,  
36) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.0160, 70.3679, 29.4164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 54, 36) }
```

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

```
.background{ background-color: rgb(255, 54,  
36) }
```

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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