

Converting Colors

HunterLab(49.4049, 68.9442,
30.0943)

Have a look what the booklet for
HunterLab(49.4049, 68.9442,
30.0943) contains.

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Color

**HunterLab(49.3812, 69.0179,
30.0803)**

Conversions

Conversions Part 1

Format	Color
Hex	FF3A1F
RGB	255, 58, 31
RGB Percent	100%, 23%, 12%
CMY	0.0000, 0.7725, 0.8784
CMYK	0.00, 0.77, 0.88, 0.00
HSL	7°, 100%, 56%
HSV	7°, 88%, 100%
XYZ	43.0004, 24.3850, 3.7367
YIQ	113.8250, 126.0790, 33.3670

Conversions

Conversions Part 2

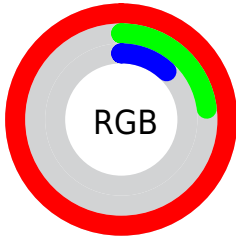
Format	Color
R_{YB}	255, 62, 31
Decimal	16726559
CIE _{Lab}	56.47, 71.46, 59.96
CIE _{LCh}	56, 93.279, 39.999
Yxy	24.3865, 0.6046, 0.3429
Android (android.graphics.Color)	4294916639 (0xFFFF3A1F)
YUV	113.8250, -40.8327, 123.8105
Hunter-Lab	49.3812, 69.0179, 30.0803

Details

The HunterLab color **49.3812, 69.0179, 30.0803** 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 **79.3658, -34.6363, -22.3775**, and the grayscale version is **41.0743, -2.1916, 2.2316**.

A 20% lighter version of the original color is **59.6061, 44.1125, 29.7579**, and **32.8920, 56.3285, 21.2540** is the 20% darker color. If you saturate the color by 10%, you get **47.4437, 74.5724, 30.3427**, and if you desaturate by 10%, it is **52.2995, 61.6080, 28.9906**.

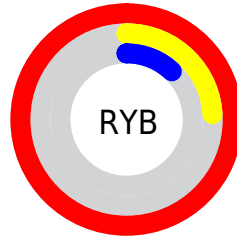
Distribution



Red (100%)

Green (23%)

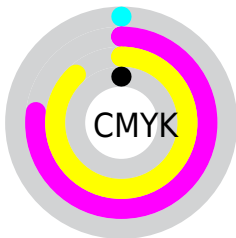
Blue (12%)



Red (100%)

Yellow (24%)

Blue (12%)

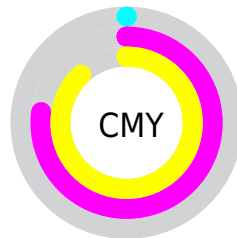


Cyan (0%)

Magenta (77%)

Yellow (88%)

Black (0%)



Cyan (0%)

Magenta (77%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.3812, 69.0179, 30.0803 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 49.3812, 69.0179, 30.0803 by changing the saturation by 10% instead.

49.3812, 69.0179,
30.0803

49.3812, 69.0179,
30.0803

165.7615, 86.3155,
64.0773

39.5229, 66.6888,
25.4425

71.1760, 73.4831,
38.6620

30.4238, 64.3820,
20.8978

83.0282, 75.5895,
42.6649

22.1553, 62.2467,
15.5087

95.4737, 77.6021,
46.5123

14.8112, 60.6865,
10.3679

108.4856, 79.5211,
50.2265

8.4651, 61.6510,
5.9255

122.0402, 81.3486,
53.8258


0.0000, INF, NaN

0.0000, INF, NaN

136.1165, 83.0878,

57.3258

0.0000, NaN, NaN


 150.6959, 84.7422,
60.7394


0.0000, NaN, NaN


 49.3812, 69.0179,
30.0803


 49.3812, 69.0179,
30.0803


 47.4437, 74.5724,
30.3427


 52.2995, 61.6080,
28.9906

 47.1455, 75.4658,
30.3720

 56.1630, 52.9982,
27.1079

 60.8873, 43.8121,
24.6055

 66.3654, 34.5311,
21.6737

 72.4895, 25.4572,
18.4705

■ 79.1630, 16.7447,
15.1092

■ 86.3035, 8.4497,
11.6635

■ 93.8432, 0.5709,
8.1779

■ 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.



49.3827, 95.1419, 13.5470



49.3812, 69.0179, 30.0803



49.3827, 25.7449, 33.7525

Triad

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



49.3827, 69.0123, 30.0811



49.3827, -55.2256, 21.4037



49.3827, 11.0809, -131.9821

Complementary

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



49.3812, 69.0179, 30.0803



79.3658, -34.6363, -22.3775

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.



49.3827, -25.7762, -122.4688



49.3812, 69.0179, 30.0803



49.3827, -56.9458, -11.3843

Square

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



49.3827, 69.0123, 30.0811



49.3827, -42.2127, 32.0662



49.3827, -47.9836, -68.7455



49.3827, 55.4561, -89.2455

Rectangle

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



49.3812, 69.0179, 30.0803



49.3827, -2.6359, 34.2248



49.3827, -47.9836, -68.7455



49.3827, -2.6393, -135.2684

Sweetspot

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



49.3827, 69.0123, 30.0811



80.4461, 15.1844, 14.4791



52.8105, 96.3680, -48.8850



36.1084, 8.3876, 7.2458

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



49.3827, 69.0123, 30.0811



47.1457, 75.4661, 30.3721



70.5580, 17.4347, 42.6934



42.8250, 0.8571, 4.0522



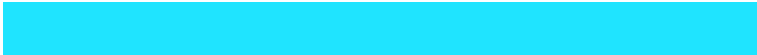
34.2406, 54.0191, 22.0446



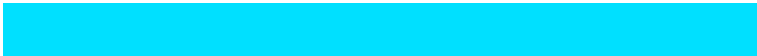
11.1738, 15.2965, 7.1530

Inverse Universe

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



79.3658, -34.6363, -22.3775



77.8868, -33.6945, -24.6149



44.9476, 20.4681, -96.7404



44.8167, -5.3158, 0.7332



56.4323, -24.5245, -17.5940



17.8931, -8.0145, -5.0637

Previews

White Background



This preview shows how the HunterLab color 49.3812, 69.0179, 30.0803 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 49.3812, 69.0179, 30.0803 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 49.3812, 69.0179, 30.0803 Background



This preview shows how black text looks on a background with the HunterLab color 49.3812, 69.0179, 30.0803.



This preview shows how white text looks on a background with the HunterLab color 49.3812, 69.0179, 30.0803.

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

49.3812, 69.0179, 30.0803

Protanopia

49.5030, -6.1932, 26.9149

Deuteranopia

49.3543, 2.7632, 30.4602



Tritanopia

49.3799, 70.4424, 27.0131

Trichromacy



Original Color

49.3812, 69.0179, 30.0803

Protanomaly

46.5952, 20.9983, 26.2921

Deuteranomaly

47.2030, 28.0721, 29.1800

Tritanomaly

49.3960, 69.7991, 28.3031

Monochromacy



Original Color

49.3812, 69.0179, 30.0803

Achromatopsia

41.0207, -2.1888, 2.2287

Achromatomaly

40.7981, 21.0077, 13.3182

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.3812, 69.0179, 30.0803 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, 58, 31)` looks like.

```
.text, #text, p{  
    color:rgb(255, 58, 31)  
}
```

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, 58, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 58, 31) }
```

Border

The CSS property to change the border of an element to HunterLab 49.3812, 69.0179, 30.0803 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, 58, 31) }
```


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

```
.border{ border-color:rgb(255, 58, 31) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 58, 31)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 58, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 58, 31);  
box-shadow:4px 4px 4px 4px rgb(255, 58,  
31) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.3812, 69.0179, 30.0803 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 58, 31) }
```

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

```
.background{ background-color: rgb(255, 58,  
31) }
```

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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