

Converting Colors

HunterLab(49.1977, 67.7275,
29.7043)

Have a look what the booklet for
HunterLab(49.1977, 67.7275,
29.7043) contains.

HunterLab(49.2238, 67.6588, 29.6931)	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(49.2238, 67.6588,
29.6931)**

Conversions

Conversions Part 1

Format	Color
Hex	FD3C22
RGB	253, 60, 34
RGB Percent	99%, 24%, 13%
CMY	0.0078, 0.7646, 0.8667
CMYK	0.00, 0.76, 0.87, 0.01
HSL	7°, 98%, 56%
HSV	7°, 87%, 99%
XYZ	42.4126, 24.2298, 3.9548
YIQ	114.7430, 123.3740, 32.8300

Conversions

Conversions Part 2

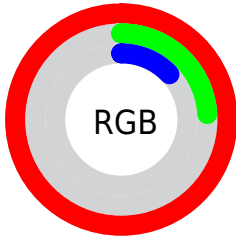
Format	Color
RYB	253, 64, 34
Decimal	16596002
CIELab	56.32, 70.36, 58.45
CIELCh	56, 91.475, 39.716
Yxy	24.2313, 0.6008, 0.3432
Android (android.graphics.Color)	4294786082 (0xFFFD3C22)
YUV	114.7430, -39.8063, 121.2514
Hunter-Lab	49.2238, 67.6588, 29.6931

Details

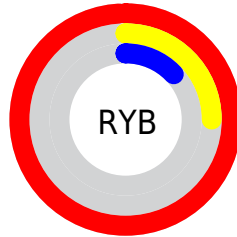
The HunterLab color **49.2238, 67.6588, 29.6931** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **78.9694, -34.5493, -21.7141**, and the grayscale version is **41.4243, -2.2103, 2.2507**.

A 20% lighter version of the original color is **59.8491, 43.7919, 29.3362**, and **32.5035, 55.6633, 21.0030** is the 20% darker color. If you saturate the color by 10%, you get **47.1911, 73.4040, 30.0501**, and if you desaturate by 10%, it is **52.2330, 60.1383, 28.4952**.

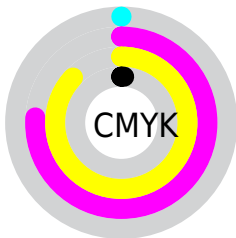
Distribution



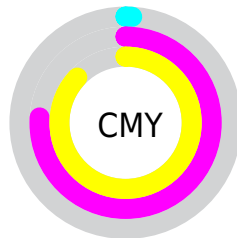
- Red (99%)
- Green (24%)
- Blue (13%)



- Red (99%)
- Yellow (25%)
- Blue (13%)



- Cyan (0%)
- Magenta (76%)
- Yellow (87%)
- Black (1%)





- Cyan (1%)
- Magenta (76%)
- Yellow (87%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 49.2238, 67.6588, 29.6931 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 49.2238, 67.6588, 29.6931 by changing the saturation by 10% instead.


 49.2238, 67.6588,
29.6931


 49.2238, 67.6588,
29.6931


165.5258, 84.6956,
62.9539

 39.3768, 65.3502,
25.1534


 70.9982, 72.0722,
38.0858


 30.2899, 63.0564,
20.6326


 82.8410, 74.1500,
41.9998


 22.0349, 60.9208,
15.4244

 95.2776, 76.1330,
45.7623

 14.7059, 59.3343,
10.2942

 108.2809, 78.0219,
49.3953

 8.3637, 60.3568,
5.8546

 121.8273, 79.8192,
52.9170

0.0000, INF, NaN

0.0000, INF, NaN

 135.8957, 81.5280,

56.3426

0.0000, NaN, NaN

150.4675, 83.1523,
59.6847

0.0000, NaN, NaN

49.2238, 67.6588,
29.6931

49.2238, 67.6588,
29.6931

47.1911, 73.4040,
30.0501

52.2330, 60.1383,
28.4952

46.7051, 74.8597,
30.0900

56.1737, 51.4996,
26.5319

60.9580, 42.3508,
23.9828

66.4783, 33.1501,
21.0347

72.6284, 24.1780,
17.8388

■ 79.3134, 15.5743,
14.5017

■ 86.4535, 7.3860,
11.0916

■ 93.9829, -0.3927,
7.6493

■ 99.8111, -5.9936,
5.1991

Harmonies

Analogous

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



49.2253, 92.8215, 13.0819



49.2238, 67.6588, 29.6931



49.2253, 25.5403, 33.5062

Triad

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



49.2253, 67.6533, 29.6939



49.2253, -54.3520, 21.2822



49.2253, 10.4036, -128.1228

Complementary

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



49.2238, 67.6588, 29.6931



78.9694, -34.5493, -21.7141

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.



49.2253, -25.6126, -118.4230



49.2238, 67.6588, 29.6931



49.2253, -56.1577, -10.6458

Square

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



49.2253, 67.6533, 29.6939



49.2253, -41.3506, 31.8298



49.2253, -47.3791, -66.2352



49.2253, 53.7109, -87.1920

Rectangle

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



49.2238, 67.6588, 29.6931



49.2253, -2.2642, 33.9838



49.2253, -47.3791, -66.2352



49.2253, -2.9930, -131.1170

Sweetspot

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



49.2253, 67.6533, 29.6939



80.4122, 15.2490, 14.4444



52.5333, 94.9718, -48.3541



36.0910, 8.4215, 7.2283

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



49.2253, 67.6533, 29.6939



47.1204, 75.5500, 30.3580



70.2798, 16.6860, 42.3214



42.8187, 0.8679, 4.0452



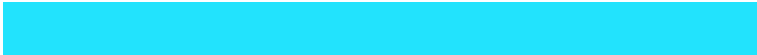
34.2206, 54.0852, 22.0334



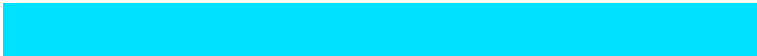
11.1625, 15.3312, 7.1467

Inverse Universe

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



78.9694, -34.5493, -21.7141



78.0469, -33.8997, -24.3721



45.1410, 19.3137, -93.9013



44.8233, -5.3263, 0.7410



56.5461, -24.6702, -17.4218



17.9245, -8.0543, -5.0171

Previews

White Background



This preview shows how the HunterLab color 49.2238, 67.6588, 29.6931 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 49.2238, 67.6588, 29.6931 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 49.2238, 67.6588, 29.6931 Background



This preview shows how black text looks on a background with the HunterLab color 49.2238, 67.6588, 29.6931.



This preview shows how white text looks on a background with the HunterLab color 49.2238, 67.6588,

29.6931.

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

49.2238, 67.6588, 29.6931

Protanopia

49.4323, -6.3913, 26.4514

Deuteranopia

49.0880, 3.2362, 30.3044



Tritanopia

49.2976, 69.7880, 26.7844

Trichromacy



Original Color

49.2238, 67.6588, 29.6931

Protanomaly

46.4822, 20.7099, 25.8380

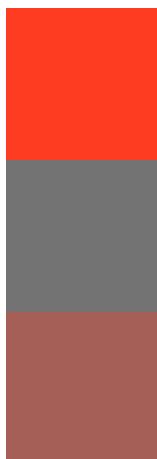
Deuteranomaly

47.0580, 27.6663, 29.0430

Tritanomaly

49.3140, 69.1306, 28.1037

Monochromacy



Original Color

49.2238, 67.6588, 29.6931

Achromatopsia

41.4054, -2.2093, 2.2496

Achromatomaly

41.0556, 20.7120, 12.9465

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.2238, 67.6588, 29.6931 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(253, 60, 34)` looks like.

```
.text, #text, p{  
    color:rgb(253, 60, 34)  
}
```

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(253, 60, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 60, 34) }
```

Border

The CSS property to change the border of an element to HunterLab 49.2238, 67.6588, 29.6931 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(253, 60, 34) }
```


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

```
.border{ border-color:rgb(253, 60, 34) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 60, 34)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 60, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 60, 34);  
box-shadow:4px 4px 4px 4px rgb(253, 60,  
34) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.2238, 67.6588, 29.6931 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 60, 34) }
```

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

```
.background{ background-color: rgb(253, 60,  
34) }
```

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