

Converting Colors

HunterLab(48.6088, 72.3186,
27.7469)

Have a look what the booklet for
HunterLab(48.6088, 72.3186,
27.7469) contains.

HunterLab(48.5668, 72.4252, 27.7808)	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(48.5668, 72.4252,
27.7808)**

Conversions

Conversions Part 1

Format	Color
Hex	FF3030
RGB	255, 48, 48
RGB Percent	100%, 19%, 19%
CMY	0.0000, 0.8117, 0.8118
CMYK	0.00, 0.81, 0.81, 0.00
HSL	0°, 100%, 59%
HSV	0°, 81%, 100%
XYZ	42.8305, 23.5873, 5.0917
YIQ	109.8930, 123.3720, 43.8840

Conversions

Conversions Part 2

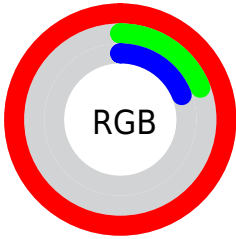
Format	Color
RYB	255, 48, 48
Decimal	16724016
CIELab	55.67, 74.39, 51.52
CIElCh	56, 90.492, 34.703
Yxy	23.5888, 0.5989, 0.3299
Android (android.graphics.Color)	4294914096 (0xFFFF3030)
YUV	109.8930, -30.5132, 127.2588
Hunter-Lab	48.5668, 72.4252, 27.7808

Details

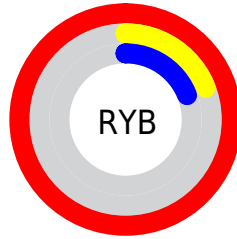
The HunterLab color **48.5668, 72.4252, 27.7808** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **89.0819, -45.6405, -8.8746**, and the grayscale version is **39.5302, -2.1092, 2.1478**.

A 20% lighter version of the original color is **58.6225, 48.0788, 25.7723**, and **32.8986, 56.3532, 21.1550** is the 20% darker color. If you saturate the color by 10%, you get **46.8121, 77.0340, 29.2002**, and if you desaturate by 10%, it is **51.5567, 65.1447, 25.5601**.

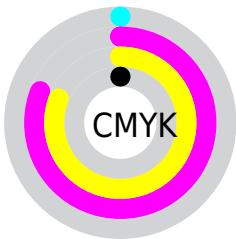
Distribution



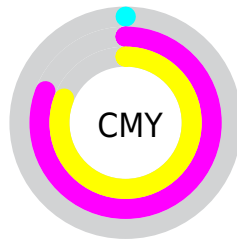
- Red (100%)
- Green (19%)
- Blue (19%)



- Red (100%)
- Yellow (19%)
- Blue (19%)



- Cyan (0%)
- Magenta (81%)
- Yellow (81%)
- Black (0%)





- Cyan (0%)
- Magenta (81%)
- Yellow (81%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 48.5668, 72.4252, 27.7808 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 48.5668, 72.4252, 27.7808 by changing the saturation by 10% instead.


 48.5668, 72.4252,
27.7808


 48.5668, 72.4252,
27.7808


164.5403, 90.5009,
57.6379


 38.7671, 70.0438,
23.7085


 70.2555, 77.0413,
35.2888

 29.7316, 67.7191,
19.4196


 82.0590, 79.2339,
38.7910

 21.5331, 65.6359,
15.0732

 94.4582, 81.3356,
42.1613

 14.2680, 64.2909,
9.9876

 107.4257, 83.3451,
45.4206

 7.9254, 67.0677,
5.5478

 120.9377, 85.2636,
48.5853

0.0000, INF, NaN

0.0000, INF, NaN

 134.9730, 87.0935,

51.6693

0.0000, NaN, NaN

149.5129, 88.8382,
54.6837

0.0000, NaN, NaN

■ 48.5668, 72.4252,
27.7808

■ 48.5668, 72.4252,
27.7808

■ 46.8121, 77.0340,
29.2002

■ 51.5567, 65.1447,
25.5601

■ 46.1090, 78.9602,
29.7945

■ 55.7560, 55.9532,
22.7833

■ 61.0508, 45.7297,
19.7393

■ 67.2889, 35.1826,
16.6545

■ 74.3188, 24.7534,
13.6662

82.0078, 14.6622,
10.8386

90.2470, 4.9867,
8.1898

98.9492, -4.2727,
5.7137

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.



48.5683, 92.6871, 7.9586



48.5668, 72.4252, 27.7808



48.5683, 32.3815, 32.7877

Triad

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



48.5683, 72.4196, 27.7816



48.5683, -52.2525, 23.8277



48.5683, 3.4860, -128.2929

Complementary

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



48.5668, 72.4252, 27.7808



89.0819, -45.6405, -8.8746

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.



48.5683, -29.8241, -109.9589



48.5668, 72.4252, 27.7808



48.5683, -55.7419, -3.3492

Square

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



48.5683, 72.4196, 27.7816



48.5683, -37.3251, 32.0214



48.5683, -48.9380, -55.1914



48.5683, 45.8858, -94.9158

Rectangle

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



48.5668, 72.4252, 27.7808



48.5683, 4.2734, 33.4956



48.5683, -48.9380, -55.1914



48.5683, -9.1000, -128.1065

Sweetspot

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



48.5683, 72.4196, 27.7816



79.7767, 17.4714, 11.6192



55.3117, 97.9532, -65.6142



35.6363, 9.7444, 5.8406

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



48.5683, 72.4196, 27.7816



46.3069, 78.4139, 29.6256



66.1573, 27.0106, 38.7325



42.4115, 1.5780, 3.5921



33.3304, 57.0765, 21.5373



10.4007, 17.8085, 6.7206

Inverse Universe

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



89.0819, -45.6405, -8.8746



88.7553, -46.9237, -9.3304



54.9026, 2.8099, -68.2876



45.2562, -6.0142, 1.2519



64.1372, -33.9985, -6.7728



20.0133, -10.6090, -2.1131

Previews

White Background



This preview shows how the HunterLab color 48.5668, 72.4252, 27.7808 looks on a white background.

Color Contrast Check

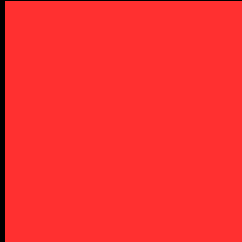
Large Text (above 18pt) WCAG AA ✓ Pass

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 48.5668, 72.4252, 27.7808 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 48.5668, 72.4252, 27.7808 Background



This preview shows how black text looks on a background with the HunterLab color 48.5668, 72.4252, 27.7808.



This preview shows how white text looks on a background with the HunterLab color 48.5668, 72.4252, 27.7808.

27.7808.

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

48.5668, 72.4252, 27.7808

Protanopia

48.6910, -5.6759, 22.6450

Deuteranopia

48.5669, 3.0230, 28.6384



Tritanopia

48.5584, 72.3921, 27.9051

Trichromacy



Original Color

48.5668, 72.4252, 27.7808

Protanomaly

45.2752, 23.2634, 22.1474

Deuteranomaly

45.9740, 30.1635, 26.8063

Tritanomaly

48.5584, 72.3921, 27.9051

Monochromacy



Original Color

48.5668, 72.4252, 27.7808

Achromatopsia

39.4875, -2.1070, 2.1454

Achromatomaly

39.1038, 23.9265, 10.8429

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 48.5668, 72.4252, 27.7808 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, 48, 48)` looks like.

```
.text, #text, p{  
    color:rgb(255, 48, 48)  
}
```

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, 48, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 48, 48) }
```

Border

The CSS property to change the border of an element to HunterLab 48.5668, 72.4252, 27.7808 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, 48, 48) }
```


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

```
.border{ border-color:rgb(255, 48, 48) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 48, 48)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 48, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 48, 48);  
box-shadow:4px 4px 4px 4px rgb(255, 48,  
48) }
```

Background

The CSS property to change the background color of an element to HunterLab 48.5668, 72.4252, 27.7808 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 48, 48) }
```

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

```
.background{ background-color: rgb(255, 48,  
48) }
```

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