

Converting Colors

HunterLab(47.9016, 74.1410,
28.3078)

Have a look what the booklet for
HunterLab(47.9016, 74.1410,
28.3078) contains.

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Color

**HunterLab(47.8861, 74.1815,
28.3203)**

Conversions

Conversions Part 1

Format	Color
Hex	FF2828
RGB	255, 40, 40
RGB Percent	100%, 16%, 16%
CMY	0.0000, 0.8430, 0.8431
CMYK	0.00, 0.84, 0.84, 0.00
HSL	0°, 100%, 58%
HSV	0°, 84%, 100%
XYZ	42.3818, 22.9308, 4.1998
YIQ	104.2850, 128.1400, 45.5800

Conversions

Conversions Part 2

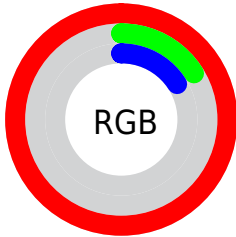
Format	Color
R_{YB}	255, 40, 40
Decimal	16721960
CIE _{Lab}	55.00, 75.94, 54.84
CIE _{LCh}	55, 93.676, 35.834
Yxy	22.9322, 0.6097, 0.3299
Android (android.graphics.Color)	4294912040 (0xFFFF2828)
YUV	104.2850, -31.6925, 132.1771
Hunter-Lab	47.8861, 74.1815, 28.3203

Details

The HunterLab color **47.8861, 74.1815, 28.3203** 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 **88.9808, -46.0309, -9.0151**, and the grayscale version is **37.4009, -1.9956, 2.0321**.

A 20% lighter version of the original color is **57.5469, 49.9712, 26.8228**, and **32.6977, 55.9957, 21.1284** is the 20% darker color. If you saturate the color by 10%, you get **46.4988, 77.8864, 29.4631**, and if you desaturate by 10%, it is **50.4856, 67.6743, 26.3309**.

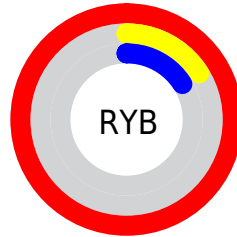
Distribution



Red (100%)

Green (16%)

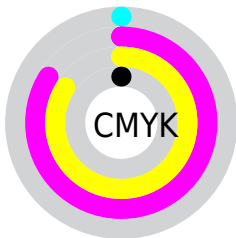
Blue (16%)



Red (100%)

Yellow (16%)

Blue (16%)

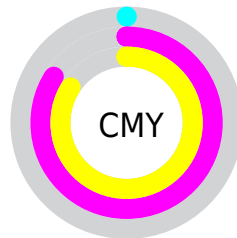


Cyan (0%)

Magenta (84%)

Yellow (84%)

Black (0%)



Cyan (0%)


Magenta (84%)

Yellow (84%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 47.8861, 74.1815, 28.3203 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 47.8861, 74.1815, 28.3203 by changing the saturation by 10% instead.


 47.8861, 74.1815,
28.3203


 47.8861, 74.1815,
28.3203


163.5166, 92.6752,
59.9187


 38.1359, 71.7768,
23.9965


 69.4853, 78.8755,
36.2939


 29.1541, 69.4526,
19.6248


 81.2477, 81.1141,
40.0089


 21.0149, 67.4195,
14.7104

 93.6078, 83.2639,
43.5802

 13.8168, 66.2449,
9.6718

 106.5379, 85.3225,
47.0293

 7.4418, 71.1200,
5.2093

 120.0141, 87.2905,
50.3743

0.0000, INF, NaN

0.0000, INF, NaN

 134.0149, 89.1699,

53.6298

0.0000, NaN, NaN

148.5214, 90.9637,
56.8079

0.0000, NaN, NaN

■ 47.8861, 74.1815,
28.3203

■ 47.8861, 74.1815,
28.3203

■ 46.4988, 77.8864,
29.4631

■ 50.4856, 67.6743,
26.3309

■ 46.1090, 78.9598,
29.7945

■ 54.3143, 58.9870,
23.6965

■ 59.2810, 48.9990,
20.7079

■ 65.2400, 38.4937,
17.6171

■ 72.0368, 27.9951,
14.5887

■ 79.5318, 17.7845,
11.7069

■ 87.6086, 7.9762,
9.0018

■ 96.1736, -1.4108,
6.4729

■ 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.



47.8876, 96.5535, 9.2736



47.8861, 74.1815, 28.3203



47.8876, 31.9712, 32.7106

Triad

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



47.8876, 74.1757, 28.3211



47.8876, -53.3851, 23.5092



47.8876, 5.2636, -135.3782

Complementary

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



47.8861, 74.1815, 28.3203



88.9808, -46.0309, -9.0151

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.



47.8876, -29.4324, -117.8677



47.8861, 74.1815, 28.3203



47.8876, -56.4701, -5.1824

Square

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



47.8876, 74.1757, 28.3211



47.8876, -38.8748, 31.8300



47.8876, -49.2735, -60.3333



47.8876, 49.4123, -98.0042

Rectangle

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



47.8861, 74.1815, 28.3203



47.8876, 2.9837, 33.3998



47.8876, -49.2735, -60.3333



47.8876, -7.8581, -135.9373

Sweetspot

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



47.8876, 74.1757, 28.3211



78.9977, 18.4735, 11.8993



54.7699, 99.8557, -66.9177



35.3031, 10.1912, 5.9666

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



47.8876, 74.1757, 28.3211



46.1092, 78.9601, 29.7946



65.1432, 28.8537, 38.8189



42.4116, 1.5779, 3.5922



33.3305, 57.0762, 21.5373



10.4008, 17.8081, 6.7207

Inverse Universe

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



88.9808, -46.0309, -9.0151



88.7258, -47.0317, -9.3715



53.5671, 4.3482, -71.6305



45.2561, -6.0141, 1.2519



64.1361, -33.9973, -6.7741



20.0130, -10.6087, -2.1134

Previews

White Background



This preview shows how the HunterLab color 47.8861, 74.1815, 28.3203 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 47.8861, 74.1815, 28.3203 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 47.8861, 74.1815, 28.3203 Background



This preview shows how black text looks on a background with the HunterLab color 47.8861, 74.1815, 28.3203.



This preview shows how white text looks on a background with the HunterLab color 47.8861, 74.1815,

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

47.8861, 74.1815, 28.3203

Protanopia

47.9180, -5.7228, 23.7876

Deuteranopia

47.8450, 3.1684, 29.3950



Tritanopia

47.8723, 74.1278, 28.5253

Trichromacy



Original Color

47.8861, 74.1815, 28.3203

Protanomaly

44.3048, 24.7099, 23.0625

Deuteranomaly

44.9310, 31.2454, 27.5335

Tritanomaly

47.8791, 74.1543, 28.4241

Monochromacy



Original Color

47.8861, 74.1815, 28.3203

Achromatopsia

37.2064, -1.9852, 2.0215

Achromatomaly

37.2154, 24.6890, 10.9621

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.8861, 74.1815, 28.3203 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, 40, 40)` looks like.

```
.text, #text, p{  
  color:rgb(255, 40, 40)  
}
```

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, 40, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 40, 40) }
```

Border

The CSS property to change the border of an element to HunterLab 47.8861, 74.1815, 28.3203 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, 40, 40) }
```


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

```
.border{ border-color:rgb(255, 40, 40) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 40, 40)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 40, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 40, 40);  
box-shadow:4px 4px 4px 4px rgb(255, 40,  
40) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.8861, 74.1815, 28.3203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 40, 40) }
```

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

```
.background{ background-color: rgb(255, 40,  
40) }
```

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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