

Converting Colors

HunterLab(48.0225, 77.8435,
19.5392)

Have a look what the booklet for
HunterLab(48.0225, 77.8435,
19.5392) contains.

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Color

**HunterLab(48.0128, 77.8685,
19.5474)**

Conversions

Conversions Part 1

Format	Color
Hex	FF2158
RGB	255, 33, 88
RGB Percent	100%, 13%, 35%
CMY	0.0000, 0.8705, 0.6549
CMYK	0.00, 0.87, 0.65, 0.00
HSL	345°, 100%, 56%
HSV	345°, 87%, 100%
XYZ	43.5453, 23.0523, 11.3870
YIQ	105.6480, 114.6570, 64.1690

Conversions

Conversions Part 2

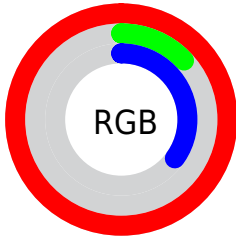
Format	Color
R_{YB}	255, 33, 88
Decimal	16720216
CIE Lab	55.13, 78.87, 28.40
CIE LCh	55, 83.829, 19.807
Yxy	23.0537, 0.5584, 0.2956
Android (android.graphics.Color)	4294910296 (0xFFFF2158)
YUV	105.6480, -8.7005, 130.9817
Hunter-Lab	48.0128, 77.8685, 19.5474

Details

The HunterLab color **48.0128, 77.8685, 19.5474** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed red. A complement of this color would be **87.1864, -56.7275, 15.5600**, and the grayscale version is **37.8376, -2.0189, 2.0558**.

A 20% lighter version of the original color is **57.9744, 55.8329, 12.1107**, and **33.3490, 57.6342, 17.4952** is the 20% darker color. If you saturate the color by 10%, you get **46.7447, 80.0675, 23.1023**, and if you desaturate by 10%, it is **50.4033, 72.7283, 15.9089**.

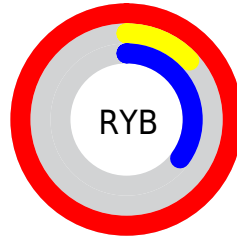
Distribution



Red (100%)

Green (13%)

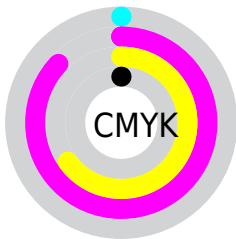
Blue (35%)



Red (100%)

Yellow (13%)

Blue (35%)

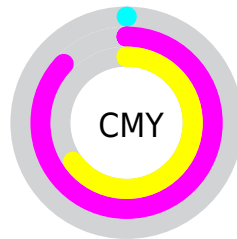


Cyan (0%)

Magenta (87%)

Yellow (65%)

Black (0%)



Cyan (0%)


Magenta (87%)


Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 48.0128, 77.8685, 19.5474 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 48.0128, 77.8685, 19.5474 by changing the saturation by 10% instead.


 48.0128, 77.8685,
19.5474


 48.0128, 77.8685,
19.5474


163.7073, 97.0307,
38.1271


 38.2533, 75.4243,
17.1514


 69.6287, 82.6853,
24.0276


 29.2615, 73.0895,
14.6016


 81.3987, 84.9963,
26.1563


 21.1112, 71.1004,
11.8426

 93.7661, 87.2222,
28.2320

 13.9005, 70.0846,
9.7304

 106.7033, 89.3590,
30.2659

 7.5343, 75.2219,
5.2740

 120.1861, 91.4063,
32.2662

0.0000, INF, NaN

0.0000, INF, NaN

134.1934, 93.3657,

34.2398

0.0000, NaN, NaN

148.7061, 95.2395,
36.1920

0.0000, NaN, NaN

■ 48.0128, 77.8685,
19.5474

■ 48.0128, 77.8685,
19.5474

■ 46.7447, 80.0675,
23.1023

■ 50.4033, 72.7283,
15.9089

■ 46.4978, 80.4044,
24.0345

■ 53.9636, 65.0055,
12.5655

■ 58.6272, 55.4766,
9.7788

■ 64.2671, 44.9467,
7.6621

■ 70.7405, 34.0266,
6.2135

■ 77.9142, 23.0954,
5.3685

■ 85.6741, 12.3511,
5.0403

■ 93.9273, 1.8755,
5.1432

■ 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.



48.0143, 82.4875, -10.0514



48.0128, 77.8685, 19.5474



48.0143, 48.6170, 30.2281

Triad

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



48.0143, 77.8629, 19.5485



48.0143, -43.6882, 28.2002



48.0143, -13.8269, -111.4770

Complementary

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



48.0128, 77.8685, 19.5474



87.1864, -56.7275, 15.5600

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.



48.0143, -38.5264, -75.7079



48.0128, 77.8685, 19.5474



48.0143, -52.2197, 12.5568

Square

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



48.0143, 77.8629, 19.5485



48.0143, -23.1734, 32.2012



48.0143, -50.6462, -24.2991



48.0143, 22.2399, -103.8982

Rectangle

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



48.0128, 77.8685, 19.5474



48.0143, 22.7470, 32.1824



48.0143, -50.6462, -24.2991



48.0143, -23.5218, -103.5022

Sweetspot

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



48.0143, 77.8629, 19.5485



78.7019, 21.9587, 5.3114



45.2998, 87.3352, -94.3828



35.2182, 11.9013, 2.5547

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



48.0143, 77.8629, 19.5485



46.4979, 80.4046, 24.0345



53.3245, 57.4745, 32.2624



42.4981, 2.0460, 2.3513



33.6407, 58.2296, 16.9407



10.5755, 18.4586, 4.1377

Inverse Universe

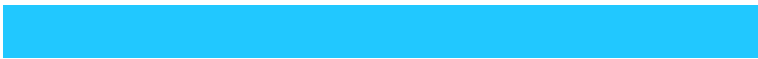
The Inverse Universe completely reimagines the original color for something new.



48.0143, 77.8629, 19.5485



46.4979, 80.4046, 24.0345



69.7309, -21.6370, -37.8524



42.4981, 2.0460, 2.3513



33.6407, 58.2296, 16.9407



10.5755, 18.4586, 4.1377

Previews

White Background



This preview shows how the HunterLab color 48.0128, 77.8685, 19.5474 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 48.0128, 77.8685, 19.5474 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 48.0128, 77.8685, 19.5474 Background



This preview shows how black text looks on a background with the HunterLab color 48.0128, 77.8685, 19.5474.

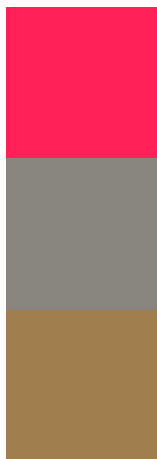


This preview shows how white text looks on a background with the HunterLab color 48.0128, 77.8685,

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

48.0128, 77.8685, 19.5474

Protanopia

48.2111, -2.2840, 5.3929

Deuteranopia

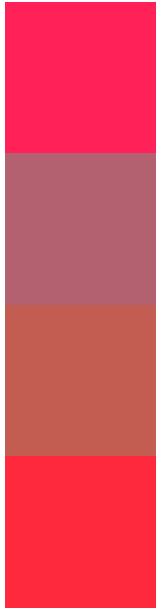
47.9944, 3.4046, 20.9599



Tritanopia

48.0931, 72.7098, 27.9700

Trichromacy



Original Color

48.0128, 77.8685, 19.5474

Protanomaly

43.7256, 28.3861, 6.6547

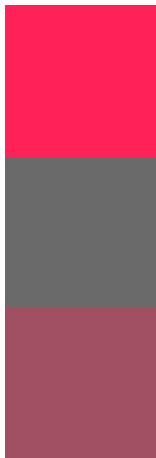
Deuteranomaly

44.5539, 33.4805, 17.6807

Tritanomaly

47.9405, 74.2785, 25.5541

Monochromacy



Original Color

48.0128, 77.8685, 19.5474

Achromatopsia

37.9643, -2.0257, 2.0627

Achromatomaly

37.3716, 27.9549, 4.7900

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 48.0128, 77.8685, 19.5474 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, 33, 88)` looks like.

```
.text, #text, p{  
    color:rgb(255, 33, 88)  
}
```

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, 33, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 33, 88) }
```

Border

The CSS property to change the border of an element to HunterLab 48.0128, 77.8685, 19.5474 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, 33, 88) }
```


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

```
.border{ border-color:rgb(255, 33, 88) }
```

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

Here you see how a box with a 4 pixel rgb(255, 33, 88) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 33, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 33, 88);  
box-shadow:4px 4px 4px 4px rgb(255, 33,  
88) }
```

Background

The CSS property to change the background color of an element to HunterLab 48.0128, 77.8685, 19.5474 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 33, 88) }
```

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

```
.background{ background-color: rgb(255, 33,  
88) }
```

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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