

Converting Colors

HunterLab(46.7123, 74.9747,
18.7070)

Have a look what the booklet for
HunterLab(46.7123, 74.9747,
18.7070) contains.

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Color

**HunterLab(46.7404, 74.9069,
18.6748)**

Conversions

Conversions Part 1

Format	Color
Hex	F82357
RGB	248, 35, 87
RGB Percent	97%, 14%, 34%
CMY	0.0275, 0.8626, 0.6588
CMYK	0.00, 0.86, 0.65, 0.03
HSL	345°, 94%, 55%
HSV	345°, 86%, 97%
XYZ	41.0327, 21.8466, 11.0710
YIQ	104.6150, 110.2560, 61.3280

Conversions

Conversions Part 2

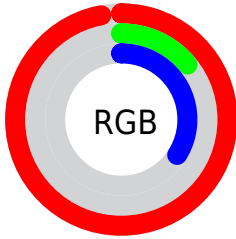
Format	Color
R_{YB}	248, 35, 87
Decimal	16261975
CIE _{Lab}	53.87, 76.75, 27.11
CIE _{LCh}	54, 81.396, 19.454
Yxy	21.8480, 0.5549, 0.2954
Android (android.graphics.Color)	4294452055 (0xFFFF82357)
YUV	104.6150, -8.6842, 125.7486
Hunter-Lab	46.7404, 74.9069, 18.6748

Details

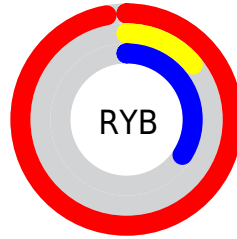
The HunterLab color **46.7404, 74.9069, 18.6748** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed red. A complement of this color would be **84.5451, -54.5761, 14.5067**, and the grayscale version is **37.4465, -1.9981, 2.0345**.

A 20% lighter version of the original color is **57.9249, 55.6119, 12.8252**, and **31.9913, 55.3086, 16.6215** is the 20% darker color. If you saturate the color by 10%, you get **45.3858, 77.3941, 22.1243**, and if you desaturate by 10%, it is **49.1987, 69.5726, 15.1841**.

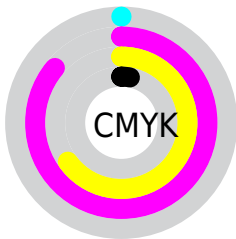
Distribution



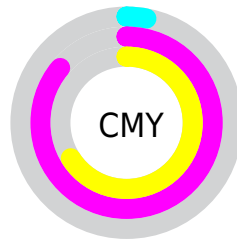
- Red (97%)
- Green (14%)
- Blue (34%)



- Red (97%)
- Yellow (14%)
- Blue (34%)



- Cyan (0%)
- Magenta (86%)
- Yellow (65%)
- Black (3%)



- Cyan (3%)
- Magenta (86%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 46.7404, 74.9069, 18.6748 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 46.7404, 74.9069, 18.6748 by changing the saturation by 10% instead.

■ 46.7404, 74.9069,
18.6748

■ 46.7404, 74.9069,
18.6748

161.7873, 93.6710,
36.6918

■ 37.0746, 72.4943,
16.3569

■ 68.1870, 79.6487,
23.0099

■ 28.1846, 70.1869,
13.8889

■ 79.8795, 81.9174,
25.0712

■ 20.1468, 68.2273,
11.2141

■ 92.1731, 84.0989,
27.0826

■ 13.0636, 67.2766,
9.1446

■ 105.0397, 86.1899,
29.0548

■ 6.5415, 77.3808,
4.5791

■ 118.4549, 88.1904,
30.9959

0.0000, INF, NaN

0.0000, INF, NaN

132.3970, 90.1021,

32.9125

0.0000, NaN, NaN

146.8469, 91.9280,
34.8098

0.0000, NaN, NaN

■ 46.7404, 74.9069,
18.6748

■ 46.7404, 74.9069,
18.6748

■ 45.3858, 77.3941,
22.1243

■ 49.1987, 69.5726,
15.1841


■ 45.0424, 77.8731,
23.3951


■ 52.7847, 61.8298,
12.0042


■ 57.4238, 52.4497,
9.3716


■ 62.9897, 42.1927,
7.3819

■ 69.3444, 31.6192,
6.0259

 76.3613, 21.0693,
5.2390

 83.9329, 10.7165,
4.9383

 91.9717, 0.6293,
5.0426

 99.3460, -7.6181,
4.6210

Harmonies

Analogous

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



46.7418, 79.0070, -10.0936



46.7404, 74.9069, 18.6748



46.7418, 47.0797, 29.2441

Triad

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



46.7418, 74.9016, 18.6758



46.7418, -42.0107, 27.3992



46.7418, -13.6934, -106.3885

Complementary

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



46.7404, 74.9069, 18.6748



84.5451, -54.5761, 14.5067

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.



46.7418, -37.3833, -71.8899



46.7404, 74.9069, 18.6748



46.7418, -50.4033, 12.4127

Square

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



46.7418, 74.9016, 18.6758



46.7418, -22.0424, 31.2777



46.7418, -48.9890, -22.7567



46.7418, 20.9050, -99.6883

Rectangle

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



46.7404, 74.9069, 18.6748



46.7418, 22.2803, 31.2246



46.7418, -48.9890, -22.7567



46.7418, -22.9916, -98.6218

Sweetspot

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



46.7418, 74.9016, 18.6758



78.6945, 21.9208, 5.4163



44.2158, 84.0527, -90.3655



35.2144, 11.8819, 2.6092

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



46.7418, 74.9016, 18.6758



46.4869, 80.3639, 24.1967



52.0590, 54.7122, 31.2232



41.5869, 1.9861, 2.3187



33.1333, 57.3383, 16.7856



10.1625, 17.7412, 3.9500

Inverse Universe

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



46.7418, 74.9016, 18.6758



46.4869, 80.3639, 24.1967



67.8645, -21.1872, -36.1391



41.5869, 1.9861, 2.3187



33.1333, 57.3383, 16.7856



10.1625, 17.7412, 3.9500

Previews

White Background



This preview shows how the HunterLab color 46.7404, 74.9069, 18.6748 looks on a white background.

Color Contrast Check

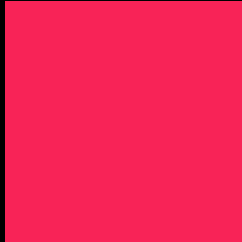
Large Text (above 18pt) WCAG AA ✓ Pass

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 46.7404, 74.9069, 18.6748 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 46.7404, 74.9069, 18.6748 Background



This preview shows how black text looks on a background with the HunterLab color 46.7404, 74.9069, 18.6748.



This preview shows how white text looks on a background with the HunterLab color 46.7404, 74.9069,

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

46.7404, 74.9069, 18.6748

Protanopia

47.0556, -2.0747, 4.9325

Deuteranopia

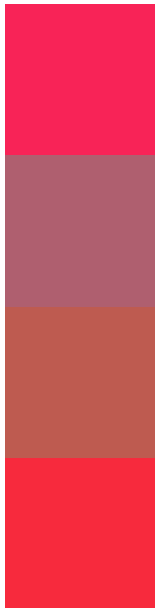
46.7502, 3.3020, 20.1936



Tritanopia

46.8246, 69.8850, 26.8037

Trichromacy



Original Color

46.7404, 74.9069, 18.6748

Protanomaly

42.9489, 27.2485, 6.1810

Deuteranomaly

43.5987, 31.8872, 17.1027

Tritanomaly

46.6551, 71.4987, 24.3899

Monochromacy



Original Color

46.7404, 74.9069, 18.6748

Achromatopsia

37.5850, -2.0054, 2.0421

Achromatomaly

37.1312, 26.2524, 4.8885

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 46.7404, 74.9069, 18.6748 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(248, 35, 87)` looks like.

```
.text, #text, p{  
    color:rgb(248, 35, 87)  
}
```

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(248, 35, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 35, 87) }
```

Border

The CSS property to change the border of an element to HunterLab 46.7404, 74.9069, 18.6748 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(248, 35, 87) }
```


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

```
.border{ border-color:rgb(248, 35, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 35, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 35, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 35, 87);  
box-shadow:4px 4px 4px 4px rgb(248, 35,  
87) }
```

Background

The CSS property to change the background color of an element to HunterLab 46.7404, 74.9069, 18.6748 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 35, 87) }
```

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

```
.background{ background-color: rgb(248, 35,  
87) }
```

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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