

Converting Colors

HunterLab(44.4733, 79.0981,
5.9759)

Have a look what the booklet for
HunterLab(44.4733, 79.0981,
5.9759) contains.

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Color

**HunterLab(44.5346, 79.2038,
6.0103)**

Conversions

Conversions Part 1

Format	Color
Hex	F00076
RGB	240, 0, 118
RGB Percent	94%, 0%, 46%
CMY	0.0588, 0.9998, 0.5373
CMYK	0.00, 1.00, 0.51, 0.06
HSL	331°, 100%, 47%
HSV	331°, 100%, 94%
XYZ	39.2053, 19.8333, 18.9014
YIQ	85.2120, 105.1620, 87.5780

Conversions

Conversions Part 2

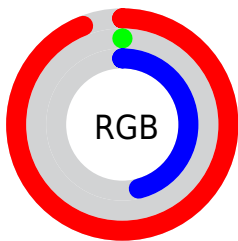
Format	Color
R_{YB}	240, 0, 118
Decimal	15728758
CIE Lab	51.65, 80.60, 5.07
CIE LCh	52, 80.764, 3.598
Yxy	19.8345, 0.5030, 0.2545
Android (android.graphics.Color)	4293918838 (0xFFFF0076)
YUV	85.2120, 16.1645, 135.7491
Hunter-Lab	44.5346, 79.2038, 6.0103

Details

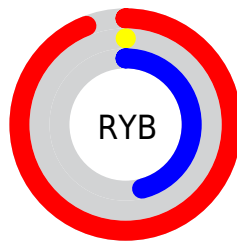
The HunterLab color **44.5346, 79.2038, 6.0103** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark saturated rose. A complement of this color would be **79.8292, -62.1621, 34.4133**, and the grayscale version is **30.1451, -1.6085, 1.6378**.

A 20% lighter version of the original color is **57.0333, 65.0623, -3.2523**, and **31.2879, 54.9947, 9.2620** is the 20% darker color. If you saturate the color by 10%, you get **44.5337, 79.2009, 6.0213**, and if you desaturate by 10%, it is **45.6049, 77.9508, 1.9166**.

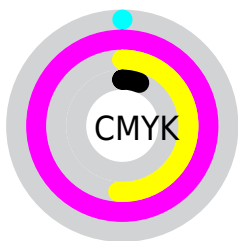
Distribution



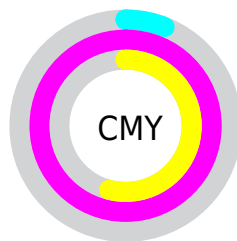
- Red (94%)
- Green (0%)
- Blue (46%)



- Red (94%)
- Yellow (0%)
- Blue (46%)



- Cyan (0%)
- Magenta (100%)
- Yellow (51%)
- Black (6%)



- Cyan (6%)
- Magenta (100%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 44.5346, 79.2038, 6.0103 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 44.5346, 79.2038, 6.0103 by changing the saturation by 10% instead.

44.5346, 79.2038,
6.0103

44.5346, 79.2038,
6.0103

158.4354, 98.9877,
14.2394

35.0354, 76.7649,
5.1935

65.6807, 84.1152,
7.6998

26.3270, 74.5207,
4.3884

77.2358, 86.4948,
8.5728

18.4907, 72.8203,
3.5899

89.3988, 88.7948,
9.4661

11.6371, 72.6394,
2.7838

102.1406, 91.0084,
10.3798

4.2734, 114.6849,
2.9914

115.4362, 93.1333,
11.3142

0.0000, INF, NaN

0.0000, INF, NaN

129.2633, 95.1702,

12.2689

0.0000, NaN, NaN

143.6023, 97.1208,
13.2441

0.0000, NaN, NaN

■ 44.5346, 79.2038,
6.0103

■ 44.5346, 79.2038,
6.0103

■ 44.5337, 79.2009,
6.0213

■ 45.6049, 77.9508,
1.9166

■ 47.5490, 74.1108,
-1.5131

■ 50.5182, 67.5560,
-3.8814

■ 54.4835, 58.9012,
-5.0816

■ 59.3526, 48.9015,
-5.1818

■ 65.0080, 38.2034,
-4.3429

■ 71.3328, 27.2560,
-2.7479

■ 78.2229, 16.3272,
-0.5619

■ 85.5910, 5.5545,
2.0813

Harmonies

Analogous

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



44.5359, 68.9615, -33.1501



44.5346, 79.2038, 6.0103



44.5359, 62.9094, 24.4275

Triad

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



44.5359, 79.1988, 6.0116



44.5359, -32.0681, 28.9954



44.5359, -26.9996, -91.1086

Complementary

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



44.5346, 79.2038, 6.0103



79.8292, -62.1621, 34.4133

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.



44.5359, -43.5372, -44.9059



44.5346, 79.2038, 6.0103



44.5359, -45.8166, 21.6440

Square

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



44.5359, 79.1988, 6.0116



44.5359, -6.2505, 30.3890



44.5359, -49.3139, -1.4889



44.5359, 1.6300, -107.8648

Rectangle

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



44.5346, 79.2038, 6.0103



44.5359, 41.3403, 28.6811



44.5359, -49.3139, -1.4889



44.5359, -33.8491, -77.4146

Sweetspot

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



44.5359, 79.1988, 6.0116



76.3304, 29.3418, -2.9687



32.0743, 74.5323, -131.3191



33.9525, 15.8746, -1.7464

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



44.5359, 79.1988, 6.0116



47.6964, 84.8043, 6.6133



43.0425, 73.7045, 27.8107



39.8602, 2.3279, 1.0310



32.9900, 58.7468, 3.8730



9.6201, 17.3252, -0.3768

Inverse Universe

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



44.5359, 79.1988, 6.0116



47.6964, 84.8043, 6.6133



82.8322, -43.9126, -8.7358



39.8602, 2.3279, 1.0310



32.9900, 58.7468, 3.8730



9.6201, 17.3252, -0.3768

Previews

White Background



This preview shows how the HunterLab color 44.5346, 79.2038, 6.0103 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 44.5346, 79.2038, 6.0103 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 44.5346, 79.2038, 6.0103 Background



This preview shows how black text looks on a background with the HunterLab color 44.5346, 79.2038, 6.0103.

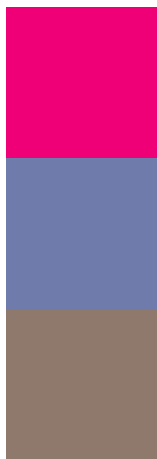


This preview shows how white text looks on a background with the HunterLab color 44.5346, 79.2038,

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

44.5346, 79.2038, 6.0103

Protanopia

45.2611, 3.5698, -22.5178

Deuteranopia

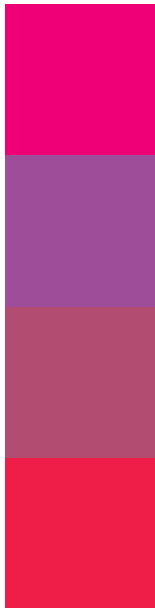
45.1168, 3.1444, 9.2116



Tritanopia

44.9920, 65.8932, 25.3335

Trichromacy



Original Color

44.5346, 79.2038, 6.0103

Protanomaly

38.7103, 35.9735, -21.0155

Deuteranomaly

39.7539, 37.6063, 2.2921

Tritanomaly

44.2569, 71.4860, 20.0779

Monochromacy



Original Color

44.5346, 79.2038, 6.0103

Achromatopsia

30.1400, -1.6082, 1.6376

Achromatomaly

30.2723, 32.2945, -2.9308

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 44.5346, 79.2038, 6.0103 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(240, 0, 118)` looks like.

```
.text, #text, p{  
    color:rgb(240, 0, 118)  
}
```

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(240, 0, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 0, 118) }
```

Border

The CSS property to change the border of an element to HunterLab 44.5346, 79.2038, 6.0103 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(240, 0, 118) }
```


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

```
.border{ border-color:rgb(240, 0, 118) }
```

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

Here you see how a box with a 4 pixel rgb(240, 0, 118) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 0, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 0, 118);  
box-shadow:4px 4px 4px 4px rgb(240, 0,  
118) }
```

Background

The CSS property to change the background color of an element to HunterLab 44.5346, 79.2038, 6.0103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 0, 118) }
```

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

```
.background{ background-color: rgb(240, 0,  
118) }
```

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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