

Converting Colors

HunterLab(46.2487, 85.5085,
-18.9999)

Have a look what the booklet for
HunterLab(46.2487, 85.5085,
-18.9999) contains.

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Color

**HunterLab(46.2899, 85.5425,
-18.6895)**

Conversions

Conversions Part 1

Format	Color
Hex	F000AA
RGB	240, 0, 170
RGB Percent	94%, 0%, 67%
CMY	0.0588, 0.9998, 0.3333
CMYK	0.00, 1.00, 0.29, 0.06
HSL	318°, 100%, 47%
HSV	318°, 100%, 94%
XYZ	43.1909, 21.4275, 39.8898
YIQ	91.1400, 88.4700, 103.7500

Conversions

Conversions Part 2

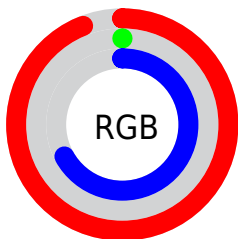
Format	Color
R_{YB}	240, 0, 170
Decimal	15728810
CIE _{Lab}	53.42, 85.20, -23.43
CIE _{LCh}	53, 88.363, 344.626
Yxy	21.4287, 0.4133, 0.2050
Android (android.graphics.Color)	4293918890 (0xFFFF00AA)
YUV	91.1400, 38.8780, 130.5502
Hunter-Lab	46.2899, 85.5425, -18.6895

Details

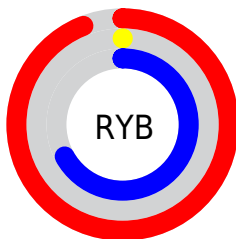
The HunterLab color **46.2899, 85.5425, -18.6895** is a dark color, and the websafe version is hex **FF33CC**. The color can be described as middle saturated rose. A complement of this color would be **79.2234, -65.9374, 43.3200**, and the grayscale version is **32.2449, -1.7205, 1.7519**.

A 20% lighter version of the original color is **59.5245, 73.3541, -32.9907**, and **32.8222, 60.1941, -9.6821** is the 20% darker color. If you saturate the color by 10%, you get **46.2894, 85.5404, -18.6811**, and if you desaturate by 10%, it is **47.2812, 84.1217, -21.5536**.

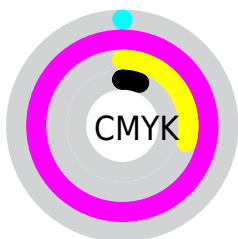
Distribution



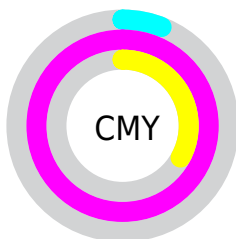
- Red (94%)
- Green (0%)
- Blue (67%)



- Red (94%)
- Yellow (0%)
- Blue (67%)



- Cyan (0%)
- Magenta (100%)
- Yellow (29%)
- Black (6%)



- Cyan (6%)
- Magenta (100%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 46.2899, 85.5425, -18.6895 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 46.2899, 85.5425, -18.6895 by changing the saturation by 10% instead.

46.2899, 85.5425,
-18.6895

46.2899, 85.5425,
-18.6895

161.1050,
106.1971, -20.1551

36.6575, 83.0542,
-18.2356

67.6757, 90.6057,
-19.4126

27.8041, 80.7855,
-17.7369

79.3404, 93.0765,
-19.6831

19.8068, 79.0908,
-17.2274

91.6076, 95.4740,
-19.8944

12.7696, 78.9155,
-16.8174

104.4490, 97.7895,
-20.0493

6.1492, 95.5682,
-19.8728

117.8400,
100.0194, -20.1502

0.0000, INF, -NF

0.0000, INF, NaN

131.7589,

102.1630, -20.1999

0.0000, NaN, NaN

146.1863,
104.2216, -20.2007

0.0000, NaN, NaN

■ 46.2899, 85.5425,
-18.6895

■ 46.2899, 85.5425,
-18.6895

■ 46.2894, 85.5404,
-18.6811

■ 47.2812, 84.1217,
-21.5536

■ 49.0961, 80.0397,
-23.1112

■ 51.8927, 73.1299,
-23.0634

■ 55.6579, 63.9689,
-21.5007

■ 60.3149, 53.3084,
-18.6821

■ 65.7582, 41.8239,
-14.9140

■ 71.8782, 30.0075,
-10.4707

■ 78.5741, 18.1672,
-5.5644

■ 85.7599, 6.4709,
-0.3457

Harmonies

Analogous

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



46.2912, 57.2494, -73.6788



46.2899, 85.5425, -18.6895



46.2912, 85.9265, 16.3115

Triad

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



46.2912, 85.5383, -18.6877



46.2912, -18.7651, 31.8132



46.2912, -42.3149, -72.2640

Complementary

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



46.2899, 85.5425, -18.6895



79.2234, -65.9374, 43.3200

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.



46.2912, -52.3931, -17.5041



46.2899, 85.5425, -18.6895



46.2912, -41.9130, 29.2104

Square

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



46.2912, 85.5383, -18.6877



46.2912, 17.4569, 31.7864



46.2912, -52.2731, 16.8574



46.2912, -19.5131, -117.5203

Rectangle

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



46.2899, 85.5425, -18.6895



46.2912, 69.8268, 26.5588



46.2912, -52.2731, 16.8574



46.2912, -46.9426, -53.0771

Sweetspot

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



46.2912, 85.5383, -18.6877



76.9189, 32.2977, -11.2770



27.4275, 69.8971, -160.0824



34.2671, 17.4279, -6.1809

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



46.2912, 85.5383, -18.6877



49.5784, 91.6011, -19.8747



43.3298, 74.7700, 23.5566



39.9352, 2.7300, -0.0357



34.2838, 63.4159, -14.3110



9.9751, 18.6004, -5.3193

Inverse Universe

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



46.2912, 85.5383, -18.6877



49.5784, 91.6011, -19.8747



81.2108, -53.6740, 14.3627



39.9352, 2.7300, -0.0357



34.2838, 63.4159, -14.3110



9.9751, 18.6004, -5.3193

Previews

White Background



This preview shows how the HunterLab color 46.2899, 85.5425, -18.6895 looks on a white background.

Color Contrast Check

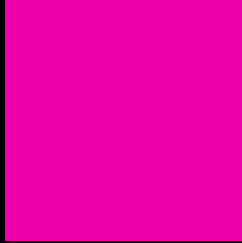
Large Text (above 18pt) WCAG AA ✓ Pass

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 46.2899, 85.5425, -18.6895 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 46.2899, 85.5425, -18.6895 Background



This preview shows how black text looks on a background with the HunterLab color 46.2899, 85.5425, -18.6895.



This preview shows how white text looks on a background with the HunterLab color 46.2899, 85.5425, -18.6895.

-18.6895.

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

46.2899, 85.5425, -18.6895

Protanopia

47.1925, 14.5271, -76.2043

Deuteranopia

46.8369, 3.6756, -12.5971



Tritanopia

46.6692, 58.7635, 22.4248

Trichromacy



Original Color

46.2899, 85.5425, -18.6895



Protanomaly

39.2951, 42.3866, -73.0675



Deuteranomaly

40.8736, 40.3918, -24.3695



Tritanomaly

45.3886, 70.2389, 11.3859

Monochromacy



Original Color

46.2899, 85.5425, -18.6895



Achromatopsia

32.3445, -1.7258, 1.7573



Achromatomaly

32.2520, 35.3232, -12.1740

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 46.2899, 85.5425, -18.6895 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, 170)` looks like.

```
.text, #text, p{  
    color:rgb(240, 0, 170)  
}
```

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, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 0, 170) }
```

Border

The CSS property to change the border of an element to HunterLab 46.2899, 85.5425, -18.6895 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, 170) }
```


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

```
.border{ border-color:rgb(240, 0, 170) }
```

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, 170) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 0, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 0, 170);  
box-shadow:4px 4px 4px 4px rgb(240, 0,  
170) }
```

Background

The CSS property to change the background color of an element to HunterLab 46.2899, 85.5425, -18.6895 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, 170) }
```

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

```
.background{ background-color: rgb(240, 0,  
170) }
```

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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