

Converting Colors

RGB(245, 176, 255)

Have a look what the booklet for
RGB(245, 176, 255) contains.

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Color

RGB(245, 176, 255)

Conversions

Conversions Part 1

Format	Color
Hex	F5B0FF
RGB	245, 176, 255
RGB Percent	96%, 69%, 100%
CMY	0.0392, 0.3098, 0.0000
CMYK	0.04, 0.31, 0.00, 0.00
HSL	292°, 100%, 85%
HSV	292°, 31%, 100%
XYZ	71.2315, 57.6831, 101.9874
YIQ	205.6370, 15.7650, 39.1970

Conversions

Conversions Part 2

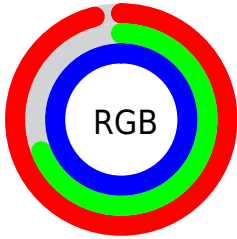
Format	Color
RYB	245, 176, 255
Decimal	16101631
CIELab	80.56, 37.95, -29.20
CIElCh	81, 47.882, 322.425
Yxy	57.6831, 0.3085, 0.2498
Android (android.graphics.Color)	4294291711 (0xFFFF5B0FF)
YUV	205.6370, 24.3360, 34.5214
Hunter-Lab	75.9494, 34.5003, -26.4520

Details

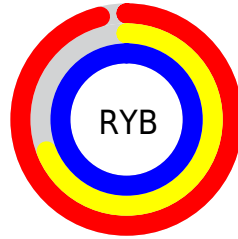
The RGB color **245, 176, 255** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **186, 255, 176**, and the grayscale version is **205, 205, 205**.

A 20% lighter version of the original color is **255, 232, 255**, and **188, 122, 198** is the 20% darker color. If you saturate the color by 10%, you get **242, 150, 255**, and if you desaturate by 10%, it is **248, 202, 255**.

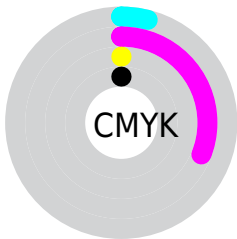
Distribution



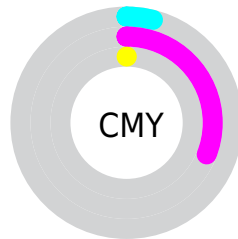
- Red (96%)
- Green (69%)
- Blue (100%)



- Red (96%)
- Yellow (69%)
- Blue (100%)



- Cyan (4%)
- Magenta (31%)
- Yellow (0%)
- Black (0%)




- Cyan (4%)
- Magenta (31%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the RGB color 245, 176, 255 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 RGB color 245, 176, 255 by changing the saturation by 10% instead.

 245, 176, 255

 245, 176, 255

255, 255, 255

 216, 149, 226


 255, 232, 255

 188, 122, 198

 160, 97, 171

 133, 72, 144

 107, 47, 118

 81, 22, 93

 56, 0, 69

 37, 0, 47

 0, 1, 25

■ 245, 176, 255

■ 245, 176, 255

■ 242, 150, 255

■ 248, 202, 255

■ 239, 125, 255

■ 251, 227, 255

■ 235, 99, 255

■ 255, 253, 255

■ 232, 74, 255

■ 255, 255, 255

■ 229, 49, 255

■ 226, 23, 255

■ 223, 0, 255

Harmonies

Analogous

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



187, 193, 255



245, 176, 255



255, 165, 213

Triad

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



245, 176, 255



238, 193, 110



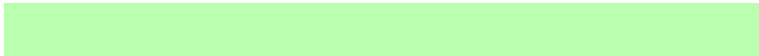
0, 223, 233

Complementary

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



245, 176, 255



186, 255, 176

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.



75, 223, 187



245, 176, 255



194, 208, 115

Square

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



245, 176, 255



255, 178, 131



142, 218, 144



0, 218, 255

Rectangle

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



245, 176, 255



255, 164, 183



142, 218, 144



0, 224, 218

Sweetspot

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



245, 176, 255



252, 232, 255



176, 187, 255



126, 113, 128



0, 0, 0



128, 128, 128

Same Dimension

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



245, 176, 255



243, 161, 255



255, 176, 226



126, 115, 128



167, 0, 191



56, 0, 64

Inverse Universe

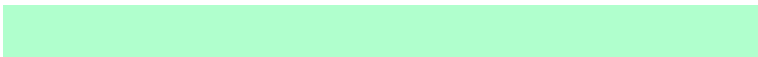
The Inverse Universe completely reimagines the original color for something new.



255, 176, 186



255, 161, 173



176, 255, 205



128, 115, 116



191, 0, 24



64, 0, 8

Previews

White Background



This preview shows how the RGB color 245, 176, 255 looks on a white background.

Color Contrast Check

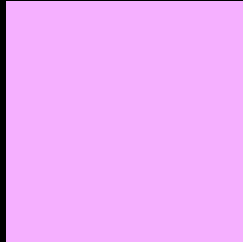
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 245, 176, 255 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

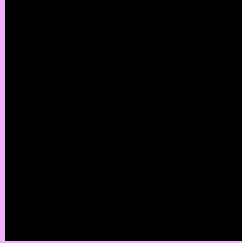
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 245, 176, 255 Background



This preview shows how black text looks on a background with the RGB color 245, 176, 255.



This preview shows how white text looks on a background with the RGB color 245, 176, 255.

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
245, 176, 255

Protanopia
185, 198, 255

Deuteranopia
193, 196, 251



Tritanopia
237, 187, 201

Trichromacy



Original Color

245, 176, 255



Protanomaly

207, 190, 255



Deuteranomaly

212, 189, 252



Tritanomaly

240, 183, 221

Monochromacy



Original Color

245, 176, 255



Achromatopsia

206, 206, 206



Achromatomaly

220, 195, 224

CSS Examples

Text

The CSS property to change the color of the text to RGB 245, 176, 255 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(245, 176, 255)` looks like.

```
.text, #text, p{  
    color:rgb(245, 176, 255)  
}
```

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(245, 176, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 176, 255) }
```

Border

The CSS property to change the border of an element to RGB 245, 176, 255 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(245, 176, 255) }
```

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

```
.border{ border-color:rgb(245, 176, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 176, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 176, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 176, 255);  
box-shadow:4px 4px 4px 4px rgb(245, 176,  
255) }
```

Background

The CSS property to change the background color of an element to RGB 245, 176, 255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 176, 255) }
```

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

```
.background{ background-color: rgb(245,  
176, 255) }
```

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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