

# Converting Colors

RGB(245, 0, 142)

Have a look what the booklet for  
RGB(245, 0, 142) contains.

<b>RGB(245, 0, 142)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**RGB(245, 0, 142)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F5008E
RGB	245, 0, 142
RGB Percent	96%, 0%, 56%
CMY	0.0392, 1.0000, 0.4431
CMYK	0.00, 1.00, 0.42, 0.04
HSL	325°, 100%, 48%
HSV	325°, 100%, 96%
XYZ	42.5387, 21.3655, 27.4731
YIQ	89.4430, 100.4380, 96.1020

# Conversions

## Conversions Part 2

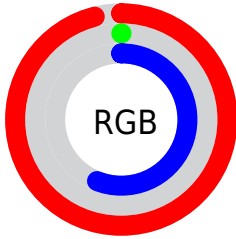
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	245, 0, 142
Decimal	16056462
CIE Lab	53.35, 83.55, -6.82
CIE LCh	53, 83.827, 355.336
Yxy	21.3655, 0.4655, 0.2338
Android (android.graphics.Color)	4294246542 (0xFFFF5008E)
YUV	89.4430, 25.9106, 136.4235
Hunter-Lab	46.2228, 83.3830, -2.8838

# Details

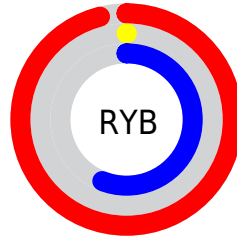
The RGB color **245, 0, 142** is a dark color, and the websafe version is hex **FF0099**. The color can be described as dark saturated rose. A complement of this color would be **0, 245, 103**, and the grayscale version is **89, 89, 89**.

A 20% lighter version of the original color is **255, 98, 196**, and **182, 0, 92** is the 20% darker color. If you saturate the color by 10%, you get **245, 0, 142**, and if you desaturate by 10%, it is **245, 24, 152**.

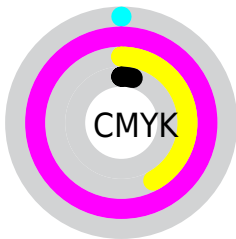
# Distribution



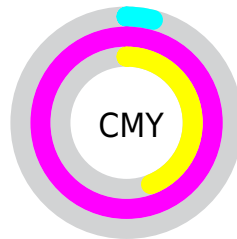
- Red (96%)
- Green (0%)
- Blue (56%)



- Red (96%)
- Yellow (0%)
- Blue (56%)



- Cyan (0%)
- Magenta (100%)
- Yellow (42%)
- Black (4%)



- Cyan (4%)
- Magenta (100%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 245, 0, 142 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, 0, 142 by changing the saturation by 10% instead.



 245, 0, 142

 245, 0, 142

255, 255, 255

 214, 0, 116

 255, 98, 196

 182, 0, 92


 255, 130, 223

 151, 0, 69

 255, 161, 252

 121, 0, 46

 255, 191, 255

 91, 0, 26

 255, 222, 255

 61, 0, 3

 255, 252, 255


 24, 0, 1


 0, 0, 0


 245, 0, 142

 245, 24, 152

 245, 49, 163

 245, 74, 173

 245, 98, 183

 245, 123, 194

 245, 147, 204

 245, 171, 214

 245, 196, 224

 245, 221, 235

# Harmonies

## Analogous

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



200, 70, 211



245, 0, 142



247, 35, 71

# Triad

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



245, 0, 142



95, 141, 0



0, 154, 247

# Complementary

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



245, 0, 142



0, 245, 103

# 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.



0, 158, 188



245, 0, 142



0, 152, 33

# Square

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



245, 0, 142



164, 121, 0



0, 157, 114



0, 141, 255

# Rectangle

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



245, 0, 142



229, 72, 20



0, 157, 114



0, 156, 230



# Sweetspot

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



245, 0, 142



255, 179, 223



102, 0, 245



128, 82, 108



0, 0, 0



128, 128, 128



# Same Dimension

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



245, 0, 142



255, 0, 148



245, 0, 20



122, 110, 117



186, 0, 108



59, 0, 34



# Inverse Universe

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



245, 0, 142



255, 0, 148



0, 245, 225



122, 110, 117



186, 0, 108



59, 0, 34



# Previews

## White Background



This preview shows how the RGB color 245, 0, 142 looks on a white background.

## Color Contrast Check

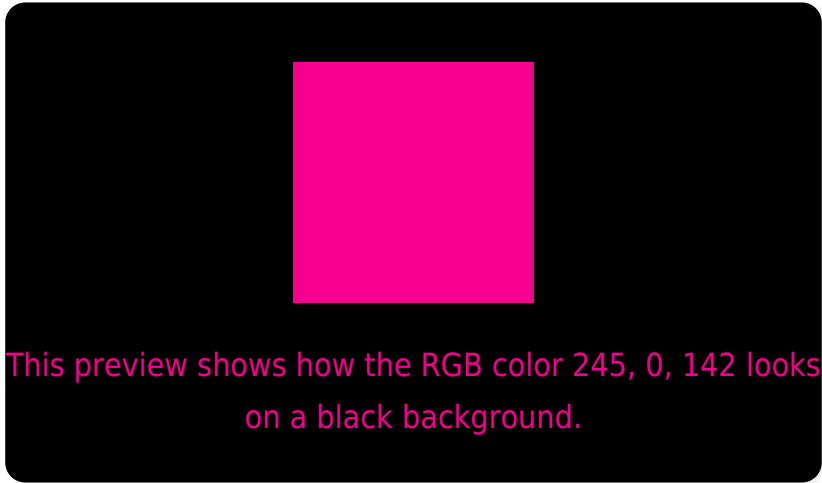
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## 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](#).



## RGB 245, 0, 142 Background



This preview shows how black text looks on a background with the RGB color 245, 0, 142.

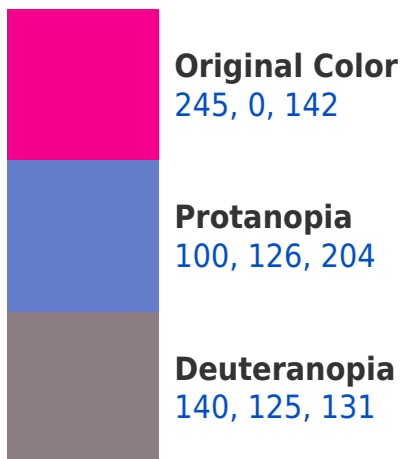


This preview shows how white text looks on a background with the RGB color 245, 0, 142.

# 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





**Tritanopia**  
240, 56, 58

# Trichromacy



**Original Color**

245, 0, 142



**Protanomaly**

153, 80, 181



**Deuteranomaly**

178, 80, 135



**Tritanomaly**

242, 36, 89

# Monochromacy



**Original Color**

245, 0, 142



**Achromatopsia**

89, 89, 89



**Achromatomaly**

146, 57, 108

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 245, 0, 142 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, 0, 142)` looks like.

```
.text, #text, p{  
    color:rgb(245, 0, 142)  
}
```

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, 0, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 0, 142) }
```

## Border

The CSS property to change the border of an element to RGB 245, 0, 142 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, 0, 142) }
```

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

```
.border{ border-color:rgb(245, 0, 142) }
```

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

Here you see how a box with a 4 pixel rgb(245, 0, 142) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 0, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 0, 142);  
box-shadow:4px 4px 4px 4px rgb(245, 0,  
142) }
```

# Background

The CSS property to change the background color of an element to RGB 245, 0, 142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 0, 142) }
```

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

```
.background{ background-color: rgb(245, 0,  
142) }
```

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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