

Converting Colors

RGB(245, 22, 149)

Have a look what the booklet for
RGB(245, 22, 149) contains.

RGB(245, 22, 149)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(245, 22, 149)

Conversions

Conversions Part 1

Format	Color
Hex	F51695
RGB	245, 22, 149
RGB Percent	96%, 9%, 58%
CMY	0.0392, 0.9137, 0.4157
CMYK	0.00, 0.91, 0.39, 0.04
HSL	326°, 92%, 52%
HSV	326°, 91%, 96%
XYZ	43.3679, 22.1562, 30.4246
YIQ	103.1550, 92.1410, 86.7730

Conversions

Conversions Part 2

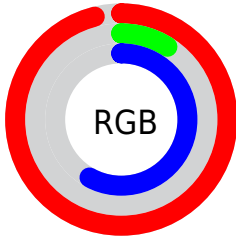
Format	Color
R_{YB}	245, 22, 149
Decimal	16062101
CIE _{Lab}	54.19, 82.38, -9.73
CIE _{LCh}	54, 82.948, 353.262
Yxy	22.1562, 0.4520, 0.2309
Android (android.graphics.Color)	4294252181 (0xFFFF51695)
YUV	103.1550, 22.6016, 124.3981
Hunter-Lab	47.0704, 82.0863, -5.3736

Details

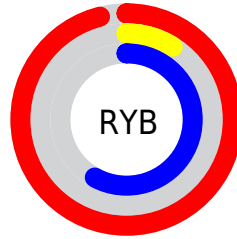
The RGB color **245, 22, 149** is a dark color, and the websafe version is hex **FF0099**. The color can be described as middle washed rose. A complement of this color would be **22, 245, 118**, and the grayscale version is **103, 103, 103**.

A 20% lighter version of the original color is **255, 103, 203**, and **183, 0, 98** is the 20% darker color. If you saturate the color by 10%, you get **245, 0, 140**, and if you desaturate by 10%, it is **245, 47, 160**.

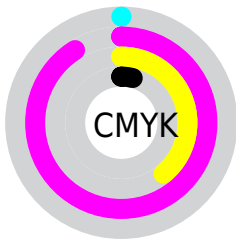
Distribution



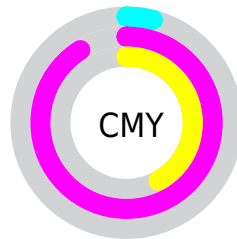
- Red (96%)
- Green (9%)
- Blue (58%)



- Red (96%)
- Yellow (9%)
- Blue (58%)



- Cyan (0%)
- Magenta (91%)
- Yellow (39%)
- Black (4%)




- Cyan (4%)
- Magenta (91%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the RGB color 245, 22, 149 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, 22, 149 by changing the saturation by 10% instead.

 245, 22, 149

 245, 22, 149

255, 255, 255

 214, 0, 123

 255, 103, 203

 183, 0, 98

 255, 135, 231

 152, 0, 75

 255, 165, 255

 122, 0, 52

 255, 196, 255

 92, 0, 31

 255, 226, 255

 63, 0, 3

 27, 0, 1

 0, 0, 0

 245, 22, 149

 245, 22, 149

■ 245, 0, 140

■ 245, 47, 160

■ 245, 71, 170

■ 245, 96, 181

■ 245, 120, 191

■ 245, 145, 202

■ 245, 169, 212

■ 245, 194, 223

■ 245, 218, 233

■ 245, 243, 244

Harmonies

Analogous

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



197, 77, 217



245, 22, 149



249, 38, 78

Triad

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



245, 22, 149



104, 142, 0



0, 156, 245

Complementary

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



245, 22, 149



22, 245, 118

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, 160, 185



245, 22, 149



0, 153, 30

Square

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



245, 22, 149



171, 121, 0



0, 159, 111



0, 144, 255

Rectangle

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



245, 22, 149



234, 72, 30



0, 159, 111



0, 158, 227

Sweetspot

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



245, 22, 149



255, 186, 225



115, 22, 245



128, 87, 110



0, 0, 0



128, 128, 128

Same Dimension

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



245, 22, 149



255, 0, 145



245, 22, 41



122, 110, 117



186, 0, 106



59, 0, 33

Inverse Universe

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



245, 22, 149



255, 0, 145



22, 245, 226



122, 110, 117



186, 0, 106



59, 0, 33

Previews

White Background



This preview shows how the RGB color 245, 22, 149 looks on a white background.

Color Contrast Check

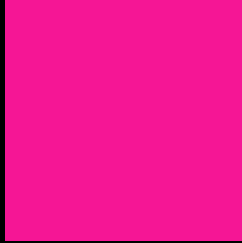
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the RGB color 245, 22, 149 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](#).

RGB 245, 22, 149 Background



This preview shows how black text looks on a background with the RGB color 245, 22, 149.

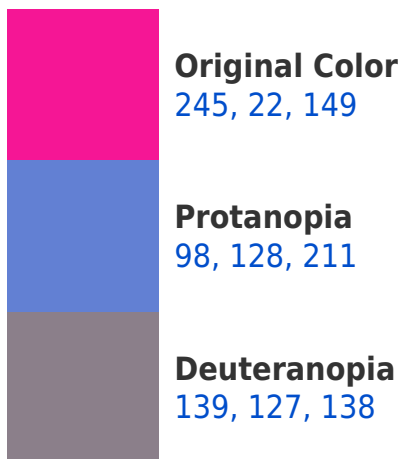


This preview shows how white text looks on a background with the RGB color 245, 22, 149.

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, 61, 64

Trichromacy



Original Color

245, 22, 149



Protanomaly

151, 89, 188



Deuteranomaly

178, 89, 142



Tritanomaly

242, 47, 95

Monochromacy



Original Color

245, 22, 149



Achromatopsia

103, 103, 103



Achromatomaly

155, 74, 120

CSS Examples

Text

The CSS property to change the color of the text to RGB 245, 22, 149 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, 22, 149)` looks like.

```
.text, #text, p{  
    color:rgb(245, 22, 149)  
}
```

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, 22, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 22, 149) }
```

Border

The CSS property to change the border of an element to RGB 245, 22, 149 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, 22, 149) }
```

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

```
.border{ border-color:rgb(245, 22, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 22, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 22, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 22, 149);  
box-shadow:4px 4px 4px 4px rgb(245, 22,  
149) }
```

Background

The CSS property to change the background color of an element to RGB 245, 22, 149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 22, 149) }
```

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

```
.background{ background-color: rgb(245, 22,  
149) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor