

Converting Colors

RGB(247, 0, 242)

Have a look what the booklet for
RGB(247, 0, 242) contains.

RGB(247, 0, 242)	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(247, 0, 242)

Conversions

Conversions Part 1

Format	Color
Hex	F700F2
RGB	247, 0, 242
RGB Percent	97%, 0%, 95%
CMY	0.0314, 1.0000, 0.0510
CMYK	0.00, 1.00, 0.02, 0.03
HSL	301°, 100%, 48%
HSV	301°, 100%, 97%
XYZ	54.3848, 26.1850, 86.1922
YIQ	101.4410, 69.5300, 127.6260

Conversions

Conversions Part 2

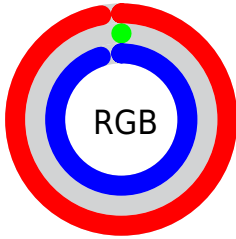
Format	Color
RYB	247, 0, 242
Decimal	16187634
CIELab	58.21, 95.22, -57.06
CIElCh	58, 111.005, 329.067
Yxy	26.1850, 0.3261, 0.1570
Android (android.graphics.Color)	4294377714 (0xFFFF700F2)
YUV	101.4410, 69.2956, 127.6552
Hunter-Lab	51.1712, 100.1601, -64.0475

Details

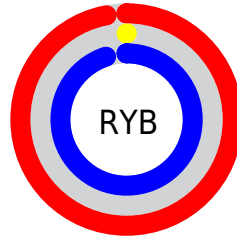
The RGB color **247, 0, 242** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light saturated magenta. A complement of this color would be **0, 247, 5**, and the grayscale version is **101, 101, 101**.

A 20% lighter version of the original color is **255, 103, 255**, and **186, 0, 185** is the 20% darker color. If you saturate the color by 10%, you get **247, 0, 242**, and if you desaturate by 10%, it is **247, 25, 242**.

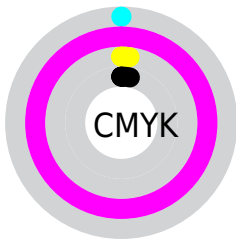
Distribution



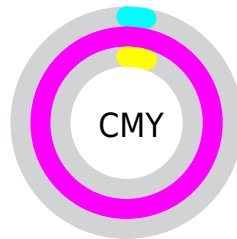
- Red (97%)
- Green (0%)
- Blue (95%)



- Red (97%)
- Yellow (0%)
- Blue (95%)



- Cyan (0%)
- Magenta (100%)
- Yellow (2%)
- Black (3%)



- Cyan (3%)
- Magenta (100%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the RGB color 247, 0, 242 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 247, 0, 242 by changing the saturation by 10% instead.



247, 0, 242



247, 0, 242

255, 255, 255



216, 0, 213



255, 103, 255



186, 0, 185



255, 136, 255



155, 0, 157



255, 167, 255



125, 0, 131



255, 199, 255



96, 0, 105



255, 230, 255



68, 0, 80



36, 0, 56



0, 1, 33




0, 0, 5


 247, 0, 242


 247, 25, 242

 247, 49, 243


 247, 74, 243

 247, 99, 244

 247, 124, 244

 247, 148, 245

 247, 173, 245

 247, 198, 246

 247, 222, 246

Harmonies

Analogous

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



94, 115, 255



247, 0, 242



255, 0, 148

Triad

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



247, 0, 242



173, 136, 0



0, 178, 233

Complementary

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



247, 0, 242



0, 247, 5

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, 176, 134



247, 0, 242



69, 160, 0

Square

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



247, 0, 242



245, 88, 0



0, 171, 9



0, 173, 255

Rectangle

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



247, 0, 242



255, 0, 85



0, 171, 9



0, 178, 202

Sweetspot

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



247, 0, 242



255, 179, 253



4, 0, 247



128, 82, 127



0, 0, 0



128, 128, 128

Same Dimension

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



247, 0, 242



255, 0, 250



247, 0, 119



122, 110, 122



186, 0, 182



59, 0, 57

Inverse Universe

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



247, 0, 242



255, 0, 250



0, 247, 128



122, 110, 122



186, 0, 182



59, 0, 57

Previews

White Background



This preview shows how the RGB color 247, 0, 242 looks on a white background.

Color Contrast Check

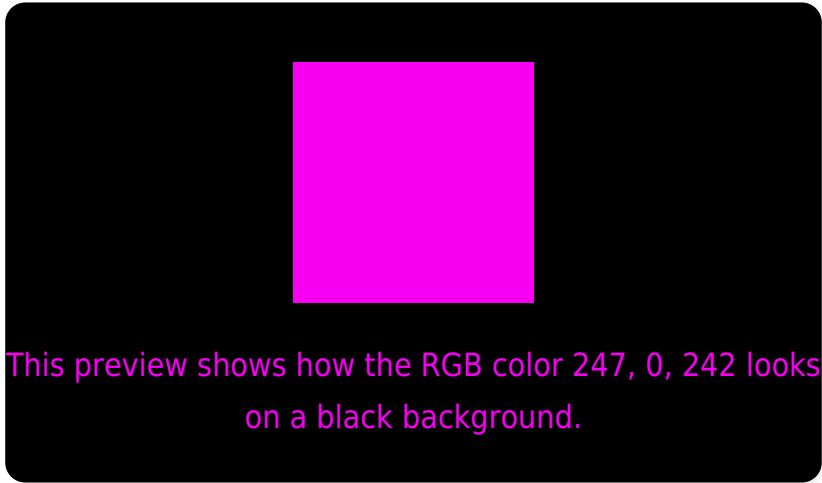
Large Text (above 18pt) WCAG AA ✓ Pass

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 247, 0, 242 Background



This preview shows how black text looks on a background with the RGB color 247, 0, 242.



This preview shows how white text looks on a background with the RGB color 247, 0, 242.

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
247, 0, 242

Protanopia
81, 137, 255

Deuteranopia
89, 141, 227



Tritanopia
232, 95, 101

Trichromacy



Original Color

247, 0, 242



Protanomaly

141, 87, 250



Deuteranomaly

146, 90, 232



Tritanomaly

237, 60, 152

Monochromacy



Original Color

247, 0, 242



Achromatopsia

101, 101, 101



Achromatomaly

154, 64, 152

CSS Examples

Text

The CSS property to change the color of the text to RGB 247, 0, 242 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(247, 0, 242)` looks like.

```
.text, #text, p{  
    color:rgb(247, 0, 242)  
}
```

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(247, 0, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 0, 242) }
```

Border

The CSS property to change the border of an element to RGB 247, 0, 242 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(247, 0, 242) }
```

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

```
.border{ border-color:rgb(247, 0, 242) }
```

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

Here you see how a box with a 4 pixel rgb(247, 0, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 0, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 0, 242);  
box-shadow:4px 4px 4px 4px rgb(247, 0,  
242) }
```

Background

The CSS property to change the background color of an element to RGB 247, 0, 242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 0, 242) }
```

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

```
.background{ background-color: rgb(247, 0,  
242) }
```

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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