

Converting Colors

`RYB(243, 0, 243)`

Have a look what the booklet for
RYB(243, 0, 243) contains.

RYB(243, 0, 243)	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

R_YB(243, 0, 243)

Conversions

Conversions Part 1

Format	Color
Hex	F300F3
RGB	243, 0, 243
RGB Percent	95%, 0%, 95%
CMY	0.0471, 1.0000, 0.0471
CMYK	0.00, 1.00, 0.00, 0.05
HSL	300°, 100%, 48%
HSV	300°, 100%, 95%
XYZ	53.1398, 25.5258, 86.9202
YIQ	100.3590, 66.8250, 127.0890

Conversions

Conversions Part 2

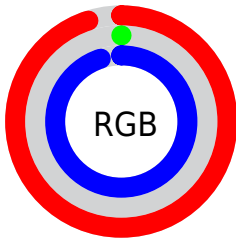
Format	Color
R_{YB}	243, 0, 243
Decimal	15925491
CIE _{Lab}	57.58, 94.73, -58.66
CIE _{LCh}	58, 111.424, 328.233
Yxy	25.5258, 0.3209, 0.1542
Android (android.graphics.Color)	4294115571 (0xFFFF300F3)
YUV	100.3590, 70.3220, 125.0962
Hunter-Lab	50.5230, 99.3300, -66.6369

Details

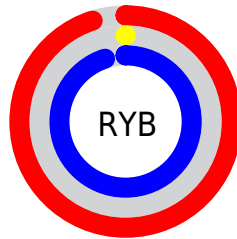
The RYB color **243, 0, 243** is a light color, and the websafe version is hex **FF00FF**. The color can be described as light saturated magenta. A complement of this color would be **0, 243, 243**, and the grayscale version is **100, 100, 100**.

A 20% lighter version of the original color is **255, 103, 255**, and **182, 0, 186** is the 20% darker color. If you saturate the color by 10%, you get **243, 0, 243**, and if you desaturate by 10%, it is **243, 24, 243**.

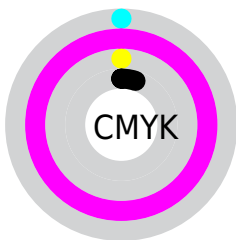
Distribution



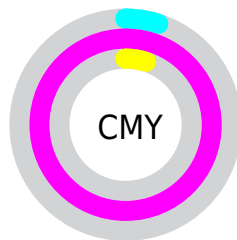
- Red (95%)
- Green (0%)
- Blue (95%)



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



- Cyan (0%)
- Magenta (100%)
- Yellow (0%)
- Black (5%)




















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


Brightness & Saturation Gradients

These gradients show how the RYB color 243, 0, 243 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 RYB color 243, 0, 243 by changing the saturation by 10% instead.


 243, 0, 243	 243, 0, 243
 255, 255, 255	 212, 0, 214
 255, 103, 255	 182, 0, 186
 255, 135, 255	 152, 0, 158
 255, 167, 255	 122, 0, 131
 255, 198, 255	 92, 0, 105
 255, 229, 255	 64, 0, 80
	 32, 0, 56
	 0, 2, 33
	 0, 0, 7

 243, 0, 243

 243, 24, 243

 243, 49, 243

 243, 73, 243

 243, 97, 243

 243, 121, 243

 243, 146, 243

 243, 170, 243

 243, 194, 243

 243, 219, 243

Harmonies

Analogous

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



80, 109, 255



243, 0, 243



255, 0, 149

Triad

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



243, 0, 243



52, 173, 0



0, 100, 229

Complementary

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



243, 0, 243



0, 243, 243

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, 100, 174



243, 0, 243



0, 158, 87

Square

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



243, 0, 243



245, 128, 0



0, 170, 170



0, 103, 255

Rectangle

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



243, 0, 243



255, 0, 86



0, 170, 170



0, 93, 197

Sweetspot

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



243, 0, 243



255, 179, 255



0, 0, 243



128, 82, 128



0, 0, 0



128, 128, 128

Same Dimension

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



243, 0, 243



255, 0, 255



243, 0, 121



122, 110, 122



186, 0, 186



59, 0, 59

Inverse Universe

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



243, 0, 243



255, 0, 255



0, 162, 243



122, 110, 122



186, 0, 186



59, 0, 59

Previews

White Background



This preview shows how the RYB color 243, 0, 243 looks on a white background.

Color Contrast Check

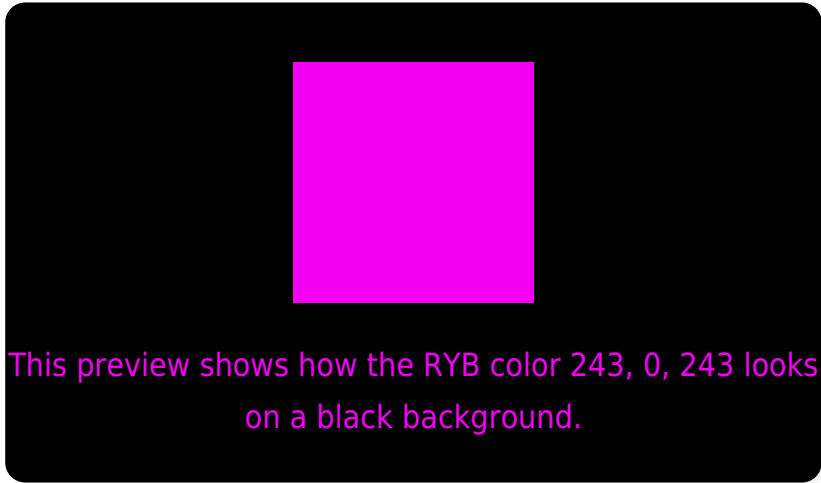
Large Text (above 18pt) WCAG AA ✓ Pass

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](#).

R Y B 243, 0, 243 Background



This preview shows how black text looks on a background with the R Y B color 243, 0, 243.

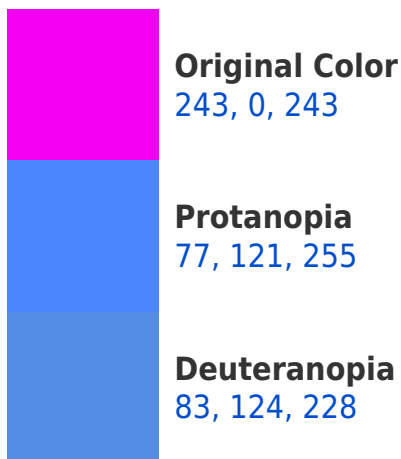


This preview shows how white text looks on a background with the R Y B color 243, 0, 243.

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
228, 95, 102

Trichromacy



Original Color

243, 0, 243



Protanomaly

137, 87, 251



Deuteranomaly

141, 89, 233



Tritanomaly

233, 60, 153

Monochromacy



Original Color

243, 0, 243



Achromatopsia

100, 100, 100



Achromatomaly

152, 64, 152

CSS Examples

Text

The CSS property to change the color of the text to RYB 243, 0, 243 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(243, 0, 243)` looks like.

```
.text, #text, p{  
    color:rgb(243, 0, 243)  
}
```

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(243, 0, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 0, 243) }
```

Border

The CSS property to change the border of an element to RYB 243, 0, 243 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(243, 0, 243) }
```

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

```
.border{ border-color:rgb(243, 0, 243) }
```

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

Here you see how a box with a 4 pixel rgb(243, 0, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 0, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 0, 243);  
box-shadow:4px 4px 4px 4px rgb(243, 0,  
243) }
```

Background

The CSS property to change the background color of an element to RGB 243, 0, 243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 0, 243) }
```

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

```
.background{ background-color: rgb(243, 0,  
243) }
```

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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