

Converting Colors

`RYB(243, 0, 125)`

Have a look what the booklet for
RYB(243, 0, 125) contains.

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Color

RYB(243, 0, 125)

Conversions

Conversions Part 1

Format	Color
Hex	F3007D
RGB	243, 0, 125
RGB Percent	95%, 0%, 49%
CMY	0.0471, 1.0000, 0.5098
CMYK	0.00, 1.00, 0.49, 0.05
HSL	329°, 100%, 48%
HSV	329°, 100%, 95%
XYZ	40.6638, 20.5354, 21.2225
YIQ	86.9070, 104.7030, 90.3910

Conversions

Conversions Part 2

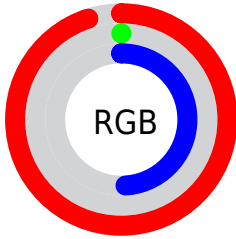
Format	Color
RYB	243, 0, 125
Decimal	15925373
CIELab	52.44, 81.77, 2.03
CIELCh	52, 81.793, 1.426
Yxy	20.5354, 0.4934, 0.2491
Android (android.graphics.Color)	4294115453 (0xFFFF3007D)
YUV	86.9070, 18.7798, 136.8936
Hunter-Lab	45.3160, 80.8723, 3.9543

Details

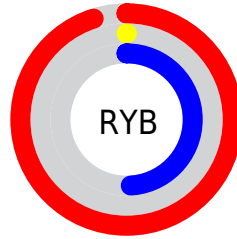
The RYB color **243, 0, 125** is a dark color, and the websafe version is hex **FF3399**. The color can be described as dark saturated rose. A complement of this color would be **0, 164, 243**, and the grayscale version is **87, 87, 87**.

A 20% lighter version of the original color is **255, 97, 177**, and **180, 0, 77** is the 20% darker color. If you saturate the color by 10%, you get **243, 0, 125**, and if you desaturate by 10%, it is **243, 24, 137**.

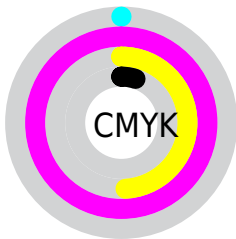
Distribution



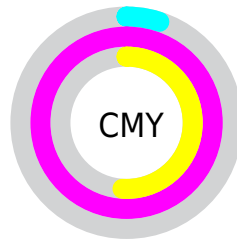
- Red (95%)
- Green (0%)
- Blue (49%)



- Red (95%)
- Yellow (0%)
- Blue (49%)



- Cyan (0%)
- Magenta (100%)
- Yellow (49%)
- Black (5%)



- Cyan (5%)
- Magenta (100%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the RYB color 243, 0, 125 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, 125 by changing the saturation by 10% instead.

 243, 0, 125

 243, 0, 125

255, 255, 255

 211, 0, 100

 255, 97, 177

 180, 0, 77

 255, 129, 205

 149, 0, 54

 255, 159, 233

 118, 0, 33

 255, 190, 255

 88, 0, 9

 255, 220, 255

 57, 0, 2

 255, 251, 255

 15, 0, 0

 0, 0, 0

 243, 0, 125

■ 243, 24, 137

■ 243, 49, 149

■ 243, 73, 160

■ 243, 97, 172

■ 243, 121, 184

■ 243, 146, 196

■ 243, 170, 208

■ 243, 194, 219

■ 243, 219, 231

Harmonies

Analogous

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



209, 59, 194



243, 0, 125



238, 48, 56

Triad

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



243, 0, 125



0, 141, 65



0, 93, 249

Complementary

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



243, 0, 125



0, 164, 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, 86, 197



243, 0, 125



0, 112, 150

Square

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



243, 0, 125



30, 149, 0



0, 84, 154



0, 88, 255

Rectangle

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



243, 0, 125



217, 127, 0



0, 84, 154



0, 92, 235

Sweetspot

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



243, 0, 125



255, 179, 218



117, 0, 243



128, 82, 105



0, 0, 0



128, 128, 128

Same Dimension

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



243, 0, 125



255, 0, 131



243, 0, 4



122, 110, 116



186, 0, 96



59, 0, 30

Inverse Universe

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



243, 0, 125



255, 0, 131



0, 123, 243



122, 110, 116



186, 0, 96



59, 0, 30

Previews

White Background



This preview shows how the RYB color 243, 0, 125 looks on a white background.

Color Contrast Check

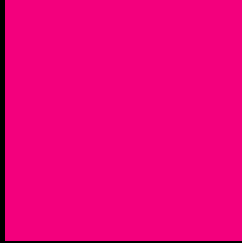
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 243, 0, 125 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](#).

R Y B 243, 0, 125 Background



This preview shows how black text looks on a background with the R Y B color 243, 0, 125.

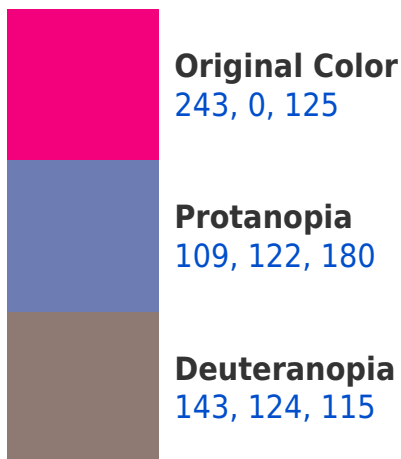


This preview shows how white text looks on a background with the R Y B color 243, 0, 125.

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
239, 50, 50

Trichromacy



Original Color

243, 0, 125



Protanomaly

158, 80, 160



Deuteranomaly

179, 78, 119



Tritanomaly

240, 32, 77

Monochromacy



Original Color

243, 0, 125



Achromatopsia

87, 87, 87



Achromatomaly

144, 55, 101

CSS Examples

Text

The CSS property to change the color of the text to RYB 243, 0, 125 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, 125)` looks like.

```
.text, #text, p{  
    color:rgb(243, 0, 125)  
}
```

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, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 0, 125) }
```

Border

The CSS property to change the border of an element to RYB 243, 0, 125 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, 125) }
```

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

```
.border{ border-color:rgb(243, 0, 125) }
```

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, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 0, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 0, 125);  
box-shadow:4px 4px 4px 4px rgb(243, 0,  
125) }
```

Background

The CSS property to change the background color of an element to RGB 243, 0, 125 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, 125) }
```

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

```
.background{ background-color: rgb(243, 0,  
125) }
```

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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