

Converting Colors

RGB(252, 0, 132)

Have a look what the booklet for
RGB(252, 0, 132) contains.

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Color

RGB(252, 0, 132)

Conversions

Conversions Part 1

Format	Color
Hex	FC0084
RGB	252, 0, 132
RGB Percent	99%, 0%, 52%
CMY	0.0118, 1.0000, 0.4824
CMYK	0.00, 1.00, 0.48, 0.01
HSL	329°, 100%, 49%
HSV	329°, 100%, 99%
XYZ	44.3097, 22.3614, 23.8106
YIQ	90.3960, 107.8200, 94.4760

Conversions

Conversions Part 2

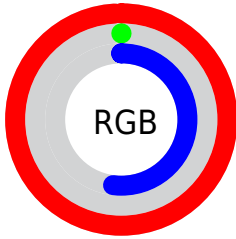
Format	Color
R_YB	252, 0, 132
Decimal	16515204
CIE Lab	54.41, 84.21, 0.90
CIE LCh	54, 84.216, 0.612
Yxy	22.3614, 0.4897, 0.2471
Android (android.graphics.Color)	4294705284 (0xFFFC0084)
YUV	90.3960, 20.5108, 141.7267
Hunter-Lab	47.2878, 84.5047, 3.2475

Details

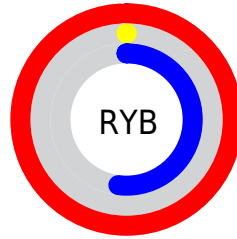
The RGB color **252, 0, 132** is a dark color, and the websafe version is hex **FF3399**. The color can be described as dark saturated rose. A complement of this color would be **0, 252, 120**, and the grayscale version is **90, 90, 90**.

A 20% lighter version of the original color is **255, 99, 185**, and **189, 0, 83** is the 20% darker color. If you saturate the color by 10%, you get **252, 0, 132**, and if you desaturate by 10%, it is **252, 25, 144**.

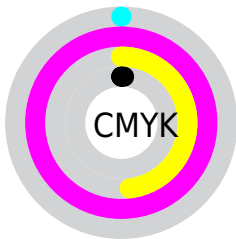
Distribution



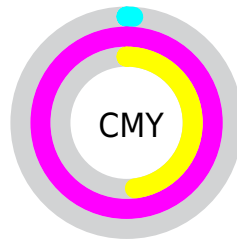
- Red (99%)
- Green (0%)
- Blue (52%)



- Red (99%)
- Yellow (0%)
- Blue (52%)



- Cyan (0%)
- Magenta (100%)
- Yellow (48%)
- Black (1%)


















- Cyan (1%)
- Magenta (100%)
- Yellow (48%)


Brightness & Saturation Gradients

These gradients show how the RGB color 252, 0, 132 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 252, 0, 132 by changing the saturation by 10% instead.


 252, 0, 132	 252, 0, 132
255, 255, 255	 220, 0, 107
 255, 99, 185	 189, 0, 83
 255, 131, 212	 157, 0, 60
 255, 162, 241	 126, 0, 39
 255, 193, 255	 96, 0, 18
 255, 223, 255	 65, 0, 3
255, 254, 255	 31, 0, 1
	 0, 0, 0


 252, 0, 132


 252, 25, 144


 252, 50, 156

 252, 76, 168

 252, 101, 180

 252, 126, 192

 252, 151, 204

 252, 176, 216

 252, 202, 228

 252, 227, 240

Harmonies

Analogous

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



215, 63, 203



252, 0, 132



247, 49, 61

Triad

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



252, 0, 132



82, 147, 0



0, 155, 255

Complementary

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



252, 0, 132



0, 252, 120

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, 203



252, 0, 132



0, 156, 51

Square

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



252, 0, 132



157, 128, 0



0, 160, 130



0, 140, 255

Rectangle

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



252, 0, 132



227, 83, 0



0, 160, 130



0, 158, 243

Sweetspot

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



252, 0, 132



255, 179, 219



118, 0, 252



128, 82, 106



0, 0, 0



128, 128, 128

Same Dimension

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



252, 0, 132



255, 0, 134



252, 0, 8



125, 112, 119



189, 0, 99



61, 0, 32

Inverse Universe

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



252, 0, 132



255, 0, 134



0, 252, 244



125, 112, 119



189, 0, 99



61, 0, 32

Previews

White Background



This preview shows how the RGB color 252, 0, 132 looks on a white background.

Color Contrast Check

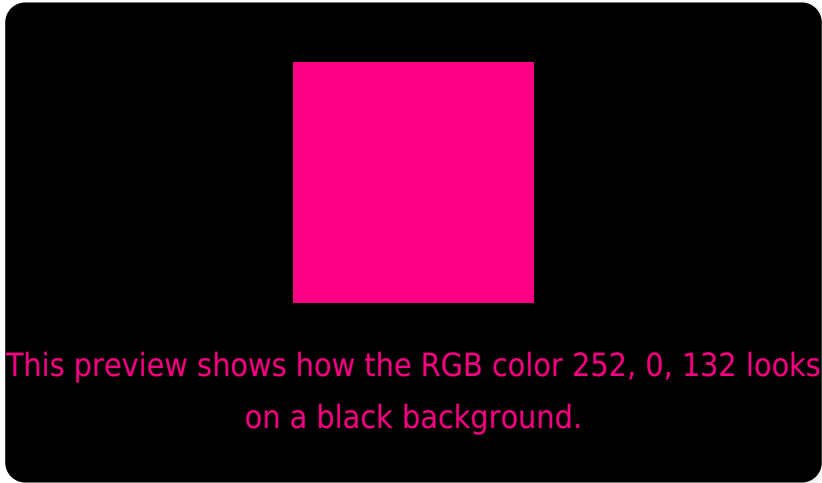
Large Text (above 18pt) WCAG AA ✓ Pass

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 252, 0, 132 Background



This preview shows how black text looks on a background with the RGB color 252, 0, 132.

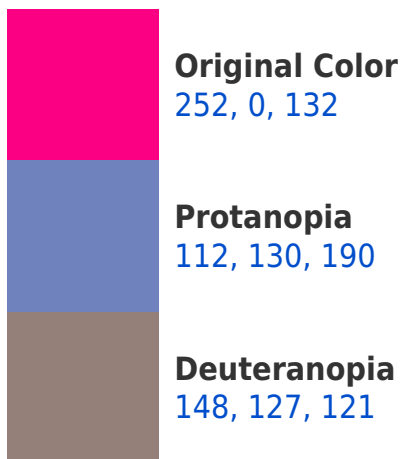


This preview shows how white text looks on a background with the RGB color 252, 0, 132.

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
248, 52, 53

Trichromacy



Original Color

252, 0, 132



Protanomaly

163, 83, 169



Deuteranomaly

186, 81, 125



Tritanomaly

249, 33, 82

Monochromacy



Original Color

252, 0, 132



Achromatopsia

90, 90, 90



Achromatomaly

149, 57, 105

CSS Examples

Text

The CSS property to change the color of the text to RGB 252, 0, 132 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(252, 0, 132)` looks like.

```
.text, #text, p{  
    color:rgb(252, 0, 132)  
}
```

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(252, 0, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 0, 132) }
```

Border

The CSS property to change the border of an element to RGB 252, 0, 132 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(252, 0, 132) }
```

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

```
.border{ border-color:rgb(252, 0, 132) }
```

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

Here you see how a box with a 4 pixel rgb(252, 0, 132) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 0, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 0, 132);  
box-shadow:4px 4px 4px 4px rgb(252, 0,  
132) }
```

Background

The CSS property to change the background color of an element to RGB 252, 0, 132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 0, 132) }
```

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

```
.background{ background-color: rgb(252, 0,  
132) }
```

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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