

Converting Colors

RGB(224, 0, 168)

Have a look what the booklet for
RGB(224, 0, 168) contains.

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Color

RGB(224, 0, 168)

Conversions

Conversions Part 1

Format	Color
Hex	E000A8
RGB	224, 0, 168
RGB Percent	88%, 0%, 66%
CMY	0.1216, 1.0000, 0.3412
CMYK	0.00, 1.00, 0.25, 0.12
HSL	315°, 100%, 44%
HSV	315°, 100%, 88%
XYZ	37.8084, 18.6744, 38.6576
YIQ	86.1280, 79.5760, 99.7360

Conversions

Conversions Part 2

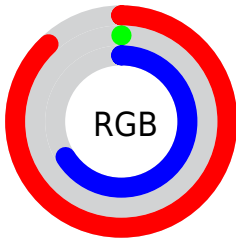
Format	Color
R_{YB}	224, 0, 168
Decimal	14680232
CIE _{Lab}	50.30, 81.93, -27.30
CIE _{LCh}	50, 86.358, 341.570
Yxy	18.6744, 0.3974, 0.1963
Android (android.graphics.Color)	4292870312 (0xFFE000A8)
YUV	86.1280, 40.3629, 120.9137
Hunter-Lab	43.2139, 80.5472, -22.7889

Details

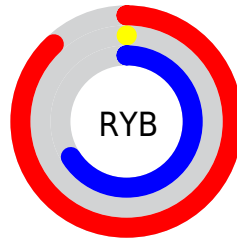
The RGB color **224, 0, 168** is a dark color, and the websafe version is hex **CC0099**. The color can be described as middle washed rose. A complement of this color would be **0, 224, 56**, and the grayscale version is **86, 86, 86**.

A 20% lighter version of the original color is **255, 95, 223**, and **163, 0, 116** is the 20% darker color. If you saturate the color by 10%, you get **224, 0, 168**, and if you desaturate by 10%, it is **224, 22, 174**.

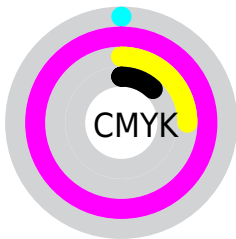
Distribution



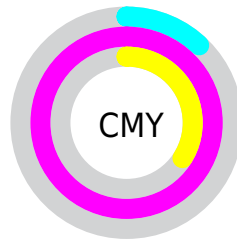
- Red (88%)
- Green (0%)
- Blue (66%)



- Red (88%)
- Yellow (0%)
- Blue (66%)



- Cyan (0%)
- Magenta (100%)
- Yellow (25%)
- Black (12%)





- Cyan (12%)
- Magenta (100%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the RGB color 224, 0, 168 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 224, 0, 168 by changing the saturation by 10% instead.

 224, 0, 168

 224, 0, 168

255, 255, 255

 194, 0, 141

 255, 95, 223

 163, 0, 116

 255, 126, 252

 134, 0, 91

 255, 157, 255

 104, 0, 67

 255, 187, 255

 77, 0, 45

 255, 217, 255

 47, 0, 23

 255, 248, 255

 0, 0, 0

 224, 0, 168

 224, 22, 174

■ 224, 45, 179

■ 224, 67, 185

■ 224, 90, 190

■ 224, 112, 196

■ 224, 134, 202

■ 224, 157, 207

■ 224, 179, 213

■ 224, 202, 218

Harmonies

Analogous

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



153, 82, 232



224, 0, 168



244, 0, 95

Triad

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



224, 0, 168



120, 126, 0



0, 149, 217

Complementary

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



224, 0, 168



0, 224, 56

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, 150, 147



224, 0, 168



0, 140, 0

Square

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



224, 0, 168



182, 99, 0



0, 147, 69



0, 141, 255

Rectangle

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



224, 0, 168



235, 26, 48



0, 147, 69



0, 150, 196

Sweetspot

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



224, 0, 168



255, 179, 236



56, 0, 224



128, 82, 116



0, 0, 0



128, 128, 128

Same Dimension

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



224, 0, 168



255, 0, 191



224, 0, 56



112, 101, 109



176, 0, 132



48, 0, 36

Inverse Universe

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



224, 0, 168



255, 0, 191



0, 224, 168



112, 101, 109



176, 0, 132



48, 0, 36

Previews

White Background



This preview shows how the RGB color 224, 0, 168 looks on a white background.

Color Contrast Check

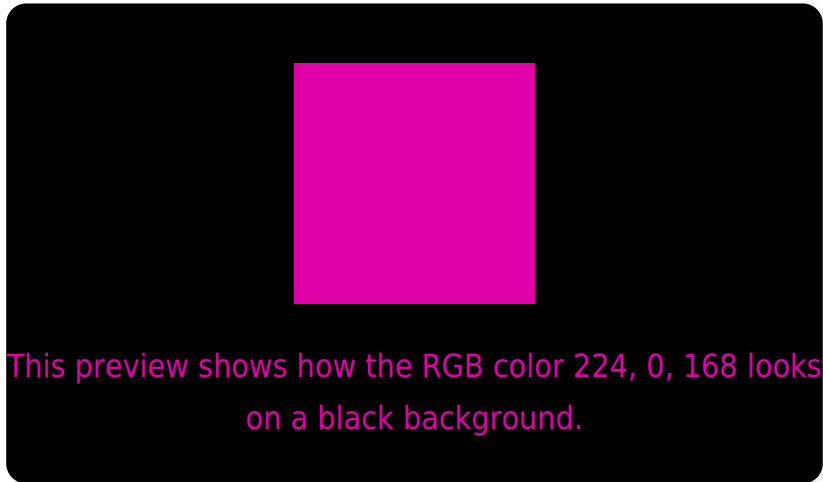
Large Text (above 18pt) WCAG AA ✓ Pass

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 224, 0, 168 Background



This preview shows how black text looks on a background with the RGB color 224, 0, 168.



This preview shows how white text looks on a background with the RGB color 224, 0, 168.

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

224, 0, 168

Protanopia

46, 117, 239

Deuteranopia

114, 119, 157



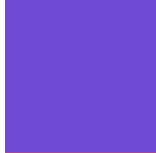
Tritanopia
217, 66, 70

Trichromacy



Original Color

224, 0, 168



Protanomaly

111, 74, 213



Deuteranomaly

154, 76, 161



Tritanomaly

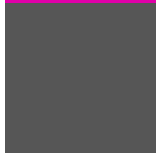
220, 42, 106

Monochromacy



Original Color

224, 0, 168



Achromatopsia

86, 86, 86



Achromatomaly

136, 55, 116

CSS Examples

Text

The CSS property to change the color of the text to RGB 224, 0, 168 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(224, 0, 168)` looks like.

```
.text, #text, p{  
    color:rgb(224, 0, 168)  
}
```

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(224, 0, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 0, 168) }
```

Border

The CSS property to change the border of an element to RGB 224, 0, 168 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(224, 0, 168) }
```

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

```
.border{ border-color:rgb(224, 0, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 0, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 0, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 0, 168);  
box-shadow:4px 4px 4px 4px rgb(224, 0,  
168) }
```

Background

The CSS property to change the background color of an element to RGB 224, 0, 168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 0, 168) }
```

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

```
.background{ background-color: rgb(224, 0,  
168) }
```

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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