

Converting Colors

RGB(207, 0, 136)

Have a look what the booklet for
RGB(207, 0, 136) contains.

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Color

RGB(207, 0, 136)

Conversions

Conversions Part 1	
Format	Color
Hex	CF0088
RGB	207, 0, 136
RGB Percent	81%, 0%, 53%
CMY	0.1882, 1.0000, 0.4667
CMYK	0.00, 1.00, 0.34, 0.19
HSL	321°, 100%, 41%
HSV	321°, 100%, 81%
XYZ	30.1761, 15.0430, 24.6057
YIQ	77.3970, 79.7160, 86.1800

Conversions

Conversions Part 2

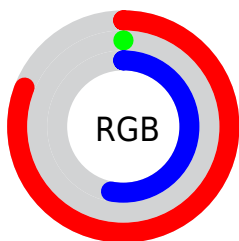
Format	Color
RYB	207, 0, 136
Decimal	13566088
CIELab	45.69, 75.18, -15.45
CIELCh	46, 76.751, 348.384
Yxy	15.0430, 0.4322, 0.2154
Android (android.graphics.Color)	4291756168 (0xFFCF0088)
YUV	77.3970, 28.8913, 113.6618
Hunter-Lab	38.7853, 71.0039, -10.4644

Details

The RGB color **207, 0, 136** is a dark color, and the websafe version is hex **CC3399**. The color can be described as dark washed rose. A complement of this color would be **0, 207, 71**, and the grayscale version is **77, 77, 77**.

A 20% lighter version of the original color is **255, 90, 189**, and **147, 0, 86** is the 20% darker color. If you saturate the color by 10%, you get **207, 0, 136**, and if you desaturate by 10%, it is **207, 21, 143**.

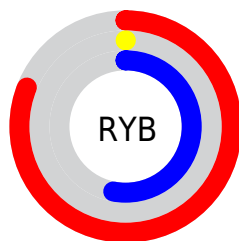
Distribution



Red (81%)

Green (0%)

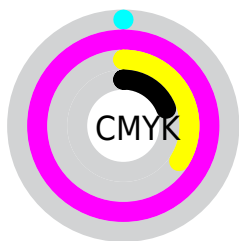
Blue (53%)



Red (81%)

Yellow (0%)

Blue (53%)

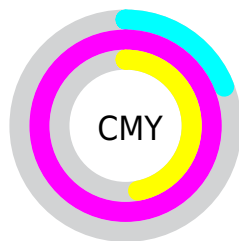


Cyan (0%)

Magenta (100%)

Yellow (34%)

Black (19%)



Cyan (19%)

Magenta (100%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the RGB color 207, 0, 136 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 207, 0, 136 by changing the saturation by 10% instead.

 207, 0, 136  207, 0, 136

255, 255, 255  177, 0, 111

 255, 90, 189  147, 0, 86

 255, 120, 217  117, 0, 63

 255, 150, 246  88, 0, 41


 255, 180, 255  61, 0, 20

 255, 210, 255  27, 0, 1

 255, 240, 255  0, 0, 0


 207, 0, 136


 207, 21, 143


 207, 41, 150


 207, 62, 157


 207, 83, 164

 207, 104, 172

 207, 124, 179

 207, 145, 186

 207, 166, 193

 207, 186, 200

Harmonies

Analogous

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



157, 66, 195



207, 0, 136



216, 0, 72

Triad

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



207, 0, 136



95, 117, 0



0, 133, 204

Complementary

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



207, 0, 136



0, 207, 71

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, 135, 147



207, 0, 136



0, 128, 0

Square

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



207, 0, 136



153, 96, 0



0, 133, 80



0, 124, 236

Rectangle

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



207, 0, 136



205, 47, 30



0, 133, 80



0, 134, 187

Sweetspot

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



207, 0, 136



255, 179, 229



69, 0, 207



128, 82, 112



0, 0, 0



128, 128, 128

Same Dimension

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



207, 0, 136



255, 0, 168



207, 0, 35



105, 94, 101



168, 0, 111



41, 0, 27

Inverse Universe

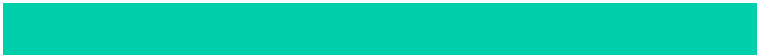
The Inverse Universe completely reimagines the original color for something new.



207, 0, 136



255, 0, 168



0, 207, 172



105, 94, 101



168, 0, 111



41, 0, 27

Previews

White Background



This preview shows how the RGB color 207, 0, 136 looks on a white background.

Color Contrast Check

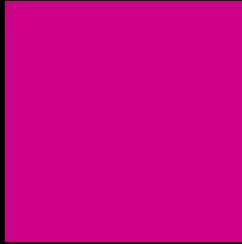
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 207, 0, 136 looks on a black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 207, 0, 136 Background



This preview shows how black text looks on a background with the RGB color 207, 0, 136.



This preview shows how white text looks on a background with the RGB color 207, 0, 136.

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

207, 0, 136

Protanopia

70, 108, 194

Deuteranopia

113, 108, 127



Tritanopia

202, 54, 56

Trichromacy



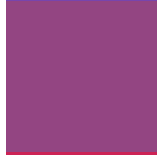
Original Color

207, 0, 136



Protanomaly

120, 69, 173



Deuteranomaly

147, 69, 130



Tritanomaly

204, 34, 85

Monochromacy



Original Color

207, 0, 136



Achromatopsia

77, 77, 77



Achromatomaly

124, 49, 98

CSS Examples

Text

The CSS property to change the color of the text to RGB 207, 0, 136 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(207, 0, 136) looks like.

```
.text, #text, p{  
    color:rgb(207, 0, 136)  
}
```

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(207, 0, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 0, 136) }
```

Border

The CSS property to change the border of an element to RGB 207, 0, 136 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(207, 0, 136) }
```

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

```
.border{ border-color:rgb(207, 0, 136) }
```

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

Here you see how a box with a 4 pixel rgb(207, 0, 136) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 0, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 0, 136);  
box-shadow:4px 4px 4px 4px rgb(207, 0,  
136) }
```

Background

The CSS property to change the background color of an element to RGB 207, 0, 136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 0, 136) }
```

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

```
.background{ background-color: rgb(207, 0,  
136) }
```

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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