

Converting Colors

RGB(221, 24, 137)

Have a look what the booklet for
RGB(221, 24, 137) contains.

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Color

RGB(221, 24, 137)

Conversions

Conversions Part 1

Format	Color
Hex	DD1889
RGB	221, 24, 137
RGB Percent	87%, 9%, 54%
CMY	0.1333, 0.9059, 0.4627
CMYK	0.00, 0.89, 0.38, 0.13
HSL	326°, 80%, 48%
HSV	326°, 89%, 87%
XYZ	34.6608, 17.8316, 25.2819
YIQ	95.7850, 81.1390, 76.9070

Conversions

Conversions Part 2

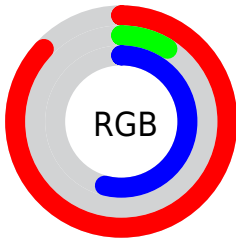
Format	Color
R_{YB}	221, 24, 137
Decimal	14489737
CIE _{Lab}	49.29, 75.79, -10.36
CIE _{LCh}	49, 76.497, 352.220
Yxy	17.8316, 0.4457, 0.2293
Android (android.graphics.Color)	4292679817 (0xFFDD1889)
YUV	95.7850, 20.3190, 109.8136
Hunter-Lab	42.2274, 72.6169, -5.9382

Details

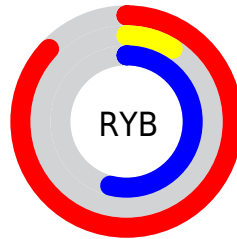
The RGB color **221, 24, 137** is a dark color, and the websafe version is hex **FF3399**. The color can be described as dark washed rose. A complement of this color would be **24, 221, 108**, and the grayscale version is **96, 96, 96**.

A 20% lighter version of the original color is **255, 99, 190**, and **160, 0, 87** is the 20% darker color. If you saturate the color by 10%, you get **221, 2, 128**, and if you desaturate by 10%, it is **221, 46, 146**.

Distribution



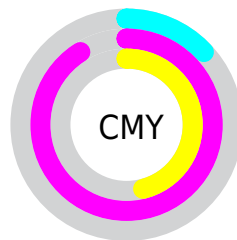
- Red (87%)
- Green (9%)
- Blue (54%)



- Red (87%)
- Yellow (9%)
- Blue (54%)



- Cyan (0%)
- Magenta (89%)
- Yellow (38%)
- Black (13%)





- Cyan (13%)
- Magenta (91%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the RGB color 221, 24, 137 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 221, 24, 137 by changing the saturation by 10% instead.

 221, 24, 137

 221, 24, 137

255, 255, 255

 190, 0, 112

 255, 99, 190

 160, 0, 87

 255, 130, 218

 130, 0, 64

 255, 159, 247

 101, 0, 42

 255, 189, 255


 73, 0, 22


 255, 219, 255


 42, 0, 1

 255, 249, 255

 0, 0, 0

 221, 24, 137

 221, 24, 137

 221, 2, 128

 221, 46, 146

■ 221, 0, 127

■ 221, 68, 156

■ 221, 90, 165

■ 221, 112, 175

■ 221, 134, 184

■ 221, 157, 194

■ 221, 179, 203

■ 221, 201, 212

■ 221, 223, 222

Harmonies

Analogous

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



176, 71, 198



221, 24, 137



226, 34, 73

Triad

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



221, 24, 137



96, 128, 0



0, 142, 220

Complementary

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



221, 24, 137



24, 221, 108

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, 145, 165



221, 24, 137



0, 139, 24

Square

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



221, 24, 137



157, 109, 0



0, 143, 98



0, 131, 247

Rectangle

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



221, 24, 137



213, 64, 30



0, 143, 98



0, 143, 204

Sweetspot

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



221, 24, 137



255, 186, 226



106, 24, 221



128, 87, 110



0, 0, 0



128, 128, 128

Same Dimension

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



221, 24, 137



255, 0, 146



221, 24, 40



110, 99, 105



173, 0, 99



46, 0, 26

Inverse Universe

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



221, 24, 137



255, 0, 146



24, 221, 205



110, 99, 105



173, 0, 99



46, 0, 26

Previews

White Background



This preview shows how the RGB color 221, 24, 137 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 221, 24, 137 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](#).

RGB 221, 24, 137 Background



This preview shows how black text looks on a background with the RGB color 221, 24, 137.



This preview shows how white text looks on a background with the RGB color 221, 24, 137.

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
221, 24, 137

Protanopia
87, 116, 193

Deuteranopia
125, 115, 128



Tritanopia
216, 58, 60

Trichromacy



Original Color

221, 24, 137



Protanomaly

136, 83, 173



Deuteranomaly

160, 82, 131



Tritanomaly

218, 46, 88

Monochromacy



Original Color

221, 24, 137



Achromatopsia

96, 96, 96



Achromatomaly

141, 70, 111

CSS Examples

Text

The CSS property to change the color of the text to RGB 221, 24, 137 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(221, 24, 137)` looks like.

```
.text, #text, p{  
    color:rgb(221, 24, 137)  
}
```

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(221, 24, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 24, 137) }
```

Border

The CSS property to change the border of an element to RGB 221, 24, 137 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(221, 24, 137) }
```

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

```
.border{ border-color:rgb(221, 24, 137) }
```

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

Here you see how a box with a 4 pixel rgb(221, 24, 137) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 24, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 24, 137);  
box-shadow:4px 4px 4px 4px rgb(221, 24,  
137) }
```

Background

The CSS property to change the background color of an element to RGB 221, 24, 137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 24, 137) }
```

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

```
.background{ background-color: rgb(221, 24,  
137) }
```

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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