

Converting Colors

RGB(227, 68, 153)

Have a look what the booklet for
RGB(227, 68, 153) contains.

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Color

RGB(227, 68, 153)

Conversions

Conversions Part 1

Format	Color
Hex	E34499
RGB	227, 68, 153
RGB Percent	89%, 27%, 60%
CMY	0.1098, 0.7333, 0.4000
CMYK	0.00, 0.70, 0.33, 0.11
HSL	328°, 74%, 58%
HSV	328°, 70%, 89%
XYZ	39.4954, 22.7650, 32.4494
YIQ	125.2310, 67.4790, 60.1430

Conversions

Conversions Part 2

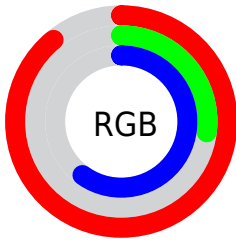
Format	Color
R _Y B	227, 68, 153
Decimal	14894233
CIE Lab	54.83, 67.81, -11.47
CIE LCh	55, 68.776, 350.398
Yxy	22.7650, 0.4170, 0.2404
Android (android.graphics.Color)	4293084313 (0xFFE34499)
YUV	125.2310, 13.6901, 89.2514
Hunter-Lab	47.7127, 64.2607, -6.9242

Details

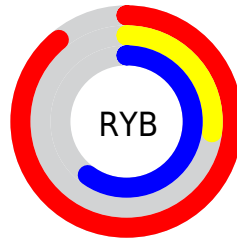
The RGB color **227, 68, 153** is a light color, and the websafe version is hex **CC3399**. The color can be described as light muted rose. A complement of this color would be **68, 227, 142**, and the grayscale version is **125, 125, 125**.

A 20% lighter version of the original color is **255, 127, 207**, and **167, 0, 102** is the 20% darker color. If you saturate the color by 10%, you get **227, 45, 142**, and if you desaturate by 10%, it is **227, 91, 164**.

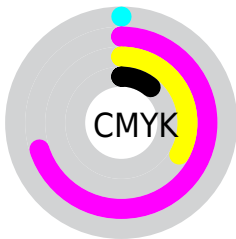
Distribution



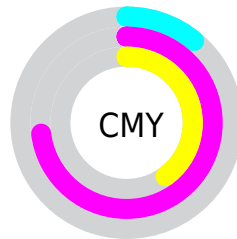
- Red (89%)
- Green (27%)
- Blue (60%)



- Red (89%)
- Yellow (27%)
- Blue (60%)



- Cyan (0%)
- Magenta (70%)
- Yellow (33%)
- Black (11%)



- Cyan (11%)
- Magenta (73%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the RGB color 227, 68, 153 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 227, 68, 153 by changing the saturation by 10% instead.

 227, 68, 153

 227, 68, 153

255, 255, 255

 197, 32, 127

 255, 127, 207

 167, 0, 102

 255, 156, 236

 138, 0, 78

 255, 185, 255

 109, 0, 55

 255, 215, 255

 80, 0, 34

 255, 245, 255

 53, 0, 8

 6, 0, 0

 0, 0, 0

 227, 68, 153

 227, 68, 153

■ 227, 45, 142

■ 227, 91, 164

■ 227, 23, 132

■ 227, 113, 174

■ 227, 0, 121

■ 227, 136, 185

■ 227, 159, 195

■ 227, 181, 206

■ 227, 204, 216

■ 227, 227, 227

■ 227, 250, 238

■ 227, 255, 248

Harmonies

Analogous

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



183, 95, 208



227, 68, 153



235, 69, 94

Triad

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



227, 68, 153



119, 140, 0



0, 155, 222

Complementary

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



227, 68, 153



68, 227, 142

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, 158, 171



227, 68, 153



30, 151, 48

Square

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



227, 68, 153



174, 122, 0



0, 157, 109



0, 144, 249

Rectangle

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



227, 68, 153



224, 86, 56



0, 157, 109



0, 156, 207

Sweetspot

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



227, 68, 153



255, 201, 230



140, 68, 227



128, 96, 113



0, 0, 0



128, 128, 128

Same Dimension

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



227, 68, 153



255, 41, 155



227, 68, 76



115, 103, 109



179, 0, 95



51, 0, 27

Inverse Universe

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



227, 68, 153



255, 41, 155



68, 227, 219



115, 103, 109



179, 0, 95



51, 0, 27

Previews

White Background



This preview shows how the RGB color 227, 68, 153 looks on a white background.

Color Contrast Check

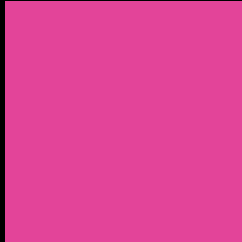
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the RGB color 227, 68, 153 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 227, 68, 153 Background



This preview shows how black text looks on a background with the RGB color 227, 68, 153.

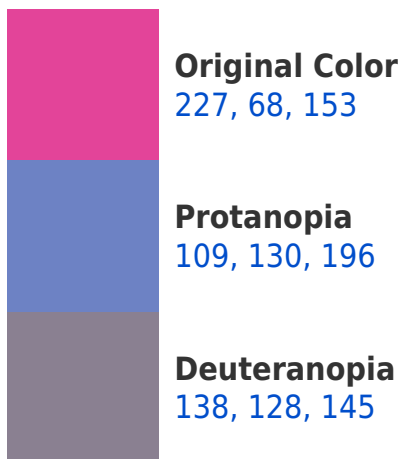


This preview shows how white text looks on a background with the RGB color 227, 68, 153.

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
222, 85, 90

Trichromacy



Original Color

227, 68, 153



Protanomaly

152, 107, 180



Deuteranomaly

170, 106, 148



Tritanomaly

224, 79, 113

Monochromacy



Original Color

227, 68, 153



Achromatopsia

125, 125, 125



Achromatomaly

162, 104, 135

CSS Examples

Text

The CSS property to change the color of the text to RGB 227, 68, 153 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(227, 68, 153)` looks like.

```
.text, #text, p{  
    color:rgb(227, 68, 153)  
}
```

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(227, 68, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 68, 153) }
```

Border

The CSS property to change the border of an element to RGB 227, 68, 153 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(227, 68, 153) }
```

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

```
.border{ border-color:rgb(227, 68, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 68, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(227, 68, 153); -webkit-box-shadow:4px 4px 4px 4px rgb(227, 68, 153); box-shadow:4px 4px 4px 4px rgb(227, 68, 153) }
```

Background

The CSS property to change the background color of an element to RGB 227, 68, 153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 68, 153) }
```

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

```
.background{ background-color: rgb(227, 68,  
153) }
```

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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