

Converting Colors

RGB(215, 68, 128)

Have a look what the booklet for
RGB(215, 68, 128) contains.

RGB(215, 68, 128)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(215, 68, 128)

Conversions

Conversions Part 1

Format	Color
Hex	D74480
RGB	215, 68, 128
RGB Percent	84%, 27%, 50%
CMY	0.1569, 0.7333, 0.4980
CMYK	0.00, 0.68, 0.40, 0.16
HSL	336°, 65%, 55%
HSV	336°, 68%, 84%
XYZ	33.9877, 20.1398, 22.5181
YIQ	118.7930, 68.3520, 49.8240

Conversions

Conversions Part 2

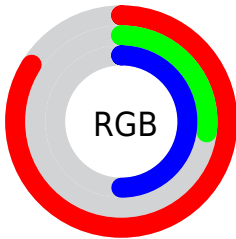
Format	Color
R_{YB}	215, 68, 128
Decimal	14107776
CIE _{Lab}	51.99, 61.81, -1.04
CIE _{LCh}	52, 61.821, 359.035
Yxy	20.1398, 0.4434, 0.2628
Android (android.graphics.Color)	4292297856 (0xFFD74480)
YUV	118.7930, 4.5391, 84.3735
Hunter-Lab	44.8774, 56.6508, 1.6643

Details

The RGB color **215, 68, 128** is a dark color, and the websafe version is hex **CC3366**. The color can be described as middle muted rose. A complement of this color would be **68, 215, 155**, and the grayscale version is **119, 119, 119**.

A 20% lighter version of the original color is **255, 125, 181**, and **155, 0, 79** is the 20% darker color. If you saturate the color by 10%, you get **215, 46, 115**, and if you desaturate by 10%, it is **215, 90, 141**.

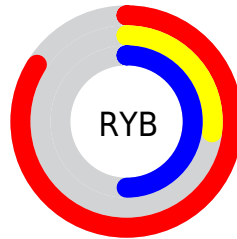
Distribution



Red (84%)

Green (27%)

Blue (50%)



Red (84%)

Yellow (27%)

Blue (50%)

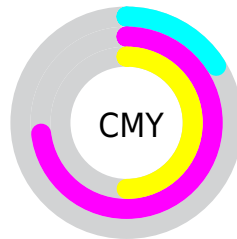


Cyan (0%)

Magenta (68%)

Yellow (40%)

Black (16%)



Cyan (16%)

Magenta (73%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the RGB color 215, 68, 128 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 215, 68, 128 by changing the saturation by 10% instead.



215, 68, 128



215, 68, 128

255, 255, 255



185, 35, 103



255, 125, 181



155, 0, 79



255, 154, 208



126, 0, 56



255, 182, 236



97, 0, 35



255, 212, 255



70, 0, 13



255, 241, 255



40, 0, 1



0, 0, 0



215, 68, 128



215, 68, 128



215, 46, 115



215, 90, 141

■ 215, 25, 103

■ 215, 111, 153

■ 215, 4, 90

■ 215, 133, 166

■ 215, 0, 88

■ 215, 154, 179

■ 215, 176, 192

■ 215, 197, 204

■ 215, 219, 217

■ 215, 240, 230

■ 215, 255, 243

Harmonies

Analogous

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



185, 85, 179



215, 68, 128



215, 77, 76

Triad

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



215, 68, 128



98, 136, 10



0, 143, 215

Complementary

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



215, 68, 128



68, 215, 155

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, 148, 174



215, 68, 128



0, 144, 66

Square

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



215, 68, 128



150, 121, 0



0, 148, 121



0, 131, 230

Rectangle

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



215, 68, 128



201, 92, 44



0, 148, 121



0, 145, 203

Sweetspot

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



215, 68, 128



255, 201, 223



154, 68, 215



128, 96, 109



0, 0, 0



128, 128, 128

Same Dimension

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



215, 68, 128



255, 46, 131



215, 80, 68



107, 96, 101



171, 0, 70



43, 0, 18

Inverse Universe

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



215, 68, 128



255, 46, 131



68, 203, 215



107, 96, 101



171, 0, 70



43, 0, 18

Previews

White Background



This preview shows how the RGB color 215, 68, 128 looks on a white background.

Color Contrast Check

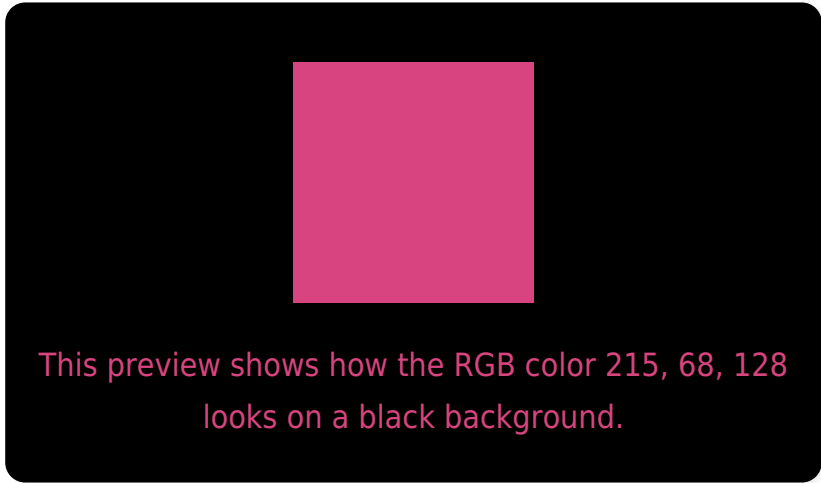
Large Text (above 18pt) WCAG AA ✓ Pass

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 215, 68, 128 Background



This preview shows how black text looks on a background with the RGB color 215, 68, 128.



This preview shows how white text looks on a background with the RGB color 215, 68, 128.

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
215, 68, 128

Protanopia
114, 123, 162

Deuteranopia
138, 120, 121



Tritanopia
212, 78, 83

Trichromacy



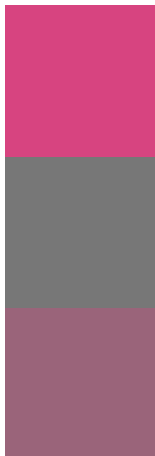
Original Color
215, 68, 128

Protanomaly
151, 103, 150

Deuteranomaly
166, 101, 124

Tritanomaly
213, 74, 99

Monochromacy



Original Color
215, 68, 128

Achromatopsia
119, 119, 119

Achromatomaly
154, 100, 122

CSS Examples

Text

The CSS property to change the color of the text to RGB 215, 68, 128 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(215, 68, 128)` looks like.

```
.text, #text, p{  
    color:rgb(215, 68, 128)  
}
```

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(215, 68, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 68, 128) }
```

Border

The CSS property to change the border of an element to RGB 215, 68, 128 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(215, 68, 128) }
```

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

```
.border{ border-color:rgb(215, 68, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 68, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 68, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 68, 128);  
box-shadow:4px 4px 4px 4px rgb(215, 68,  
128) }
```

Background

The CSS property to change the background color of an element to RGB 215, 68, 128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 68, 128) }
```

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

```
.background{ background-color: rgb(215, 68,  
128) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor