

Converting Colors

RGB(217, 77, 117)

Have a look what the booklet for
RGB(217, 77, 117) contains.

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Color

RGB(217, 77, 117)

Conversions

Conversions Part 1

Format	Color
Hex	D94D75
RGB	217, 77, 117
RGB Percent	85%, 30%, 46%
CMY	0.1490, 0.6980, 0.5412
CMYK	0.00, 0.65, 0.46, 0.15
HSL	343°, 65%, 58%
HSV	343°, 65%, 85%
XYZ	34.4800, 21.3438, 19.1321
YIQ	123.4200, 70.6000, 42.1200

Conversions

Conversions Part 2

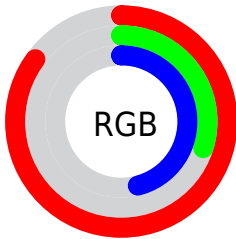
Format	Color
RYB	217, 77, 117
Decimal	14241141
CIELab	53.32, 57.79, 7.50
CIELCh	53, 58.274, 7.398
Yxy	21.3438, 0.4600, 0.2848
Android (android.graphics.Color)	4292431221 (0xFFD94D75)
YUV	123.4200, -3.1651, 82.0697
Hunter-Lab	46.1994, 52.3712, 7.7864

Details

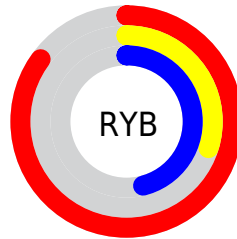
The RGB color **217, 77, 117** is a dark color, and the websafe version is hex **CC3366**. The color can be described as middle muted rose. A complement of this color would be **77, 217, 177**, and the grayscale version is **123, 123, 123**.

A 20% lighter version of the original color is **255, 133, 169**, and **157, 4, 69** is the 20% darker color. If you saturate the color by 10%, you get **217, 55, 102**, and if you desaturate by 10%, it is **217, 99, 133**.

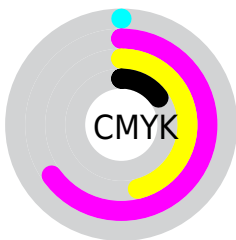
Distribution



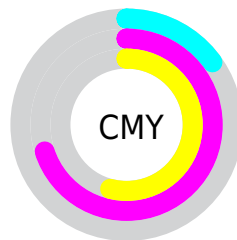
- Red (85%)
- Green (30%)
- Blue (46%)



- Red (85%)
- Yellow (30%)
- Blue (46%)



- Cyan (0%)
- Magenta (65%)
- Yellow (46%)
- Black (15%)



- Cyan (15%)
- Magenta (70%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the RGB color 217, 77, 117 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 217, 77, 117 by changing the saturation by 10% instead.



217, 77, 117



217, 77, 117

255, 255, 255



187, 47, 93



255, 133, 169



157, 4, 69



255, 161, 196



128, 0, 47



255, 190, 224



99, 0, 27



255, 219, 252



71, 0, 1



255, 248, 255



42, 0, 1



0, 0, 0



217, 77, 117



217, 77, 117




217, 55, 102




217, 99, 133

 217, 34, 86

 217, 120, 148

 217, 12, 71

 217, 142, 164

 217, 0, 62

 217, 164, 179

 217, 185, 195

 217, 207, 210

 217, 229, 225

 217, 251, 241

 217, 255, 255

Harmonies

Analogous

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



197, 86, 167



217, 77, 117



210, 89, 69

Triad

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



217, 77, 117



87, 141, 39



0, 143, 220

Complementary

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



217, 77, 117



77, 217, 177

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, 149, 187



217, 77, 117



0, 148, 87

Square

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



217, 77, 117



141, 129, 3



0, 151, 139



6, 129, 227

Rectangle

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



217, 77, 117



193, 104, 41



0, 151, 139



0, 146, 211

Sweetspot

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



217, 77, 117



255, 207, 220



175, 77, 217



128, 98, 107



0, 0, 0



128, 128, 128

Same Dimension

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



217, 77, 117



255, 59, 115



217, 105, 77



110, 99, 102



173, 0, 50



46, 0, 13

Inverse Universe

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



217, 77, 117



255, 59, 115



77, 189, 217



110, 99, 102



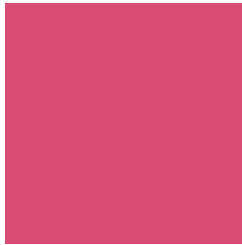
173, 0, 50



46, 0, 13

Previews

White Background



This preview shows how the RGB color 217, 77, 117 looks on a white background.

Color Contrast Check

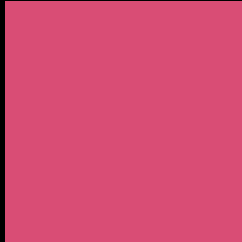
Large Text (above 18pt) WCAG AA ✓ Pass

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 217, 77, 117 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 217, 77, 117 Background



This preview shows how black text looks on a background with the RGB color 217, 77, 117.



This preview shows how white text looks on a background with the RGB color 217, 77, 117.

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](#).

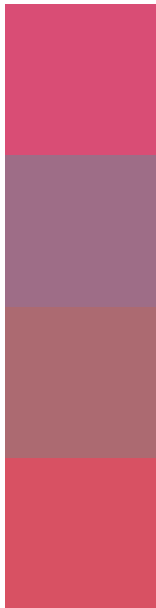
Dichromacy





Tritanopia
215, 83, 88

Trichromacy



Original Color

217, 77, 117

Protanomaly

158, 109, 135

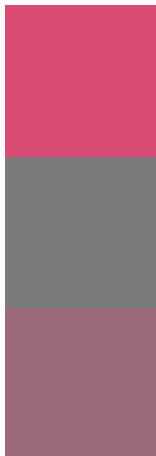
Deuteranomaly

172, 106, 113

Tritanomaly

216, 81, 99

Monochromacy



Original Color

217, 77, 117

Achromatopsia

123, 123, 123

Achromatomaly

157, 106, 121

CSS Examples

Text

The CSS property to change the color of the text to RGB 217, 77, 117 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(217, 77, 117)` looks like.

```
.text, #text, p{  
    color:rgb(217, 77, 117)  
}
```

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(217, 77, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 77, 117) }
```

Border

The CSS property to change the border of an element to RGB 217, 77, 117 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(217, 77, 117) }
```

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

```
.border{ border-color:rgb(217, 77, 117) }
```

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

Here you see how a box with a 4 pixel rgb(217, 77, 117) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 77, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 77, 117);  
box-shadow:4px 4px 4px 4px rgb(217, 77,  
117) }
```

Background

The CSS property to change the background color of an element to RGB 217, 77, 117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 77, 117) }
```

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

```
.background{ background-color: rgb(217, 77,  
117) }
```

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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