

Converting Colors

RGB(221, 85, 124)

Have a look what the booklet for
RGB(221, 85, 124) contains.

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Color

RGB(221, 85, 124)

Conversions

Conversions Part 1

Format	Color
Hex	DD557C
RGB	221, 85, 124
RGB Percent	87%, 33%, 49%
CMY	0.1333, 0.6667, 0.5137
CMYK	0.00, 0.62, 0.44, 0.13
HSL	343°, 67%, 60%
HSV	343°, 62%, 87%
XYZ	36.7054, 23.3244, 21.6363
YIQ	130.1100, 68.5370, 40.9610

Conversions

Conversions Part 2

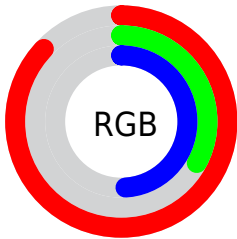
Format	Color
R_{YB}	221, 85, 124
Decimal	14505340
CIE Lab	55.40, 56.33, 6.40
CIE LCh	55, 56.694, 6.485
Yxy	23.3244, 0.4495, 0.2856
Android (android.graphics.Color)	4292695420 (0xFFDD557C)
YUV	130.1100, -3.0122, 79.7105
Hunter-Lab	48.2953, 51.1466, 7.2449

Details

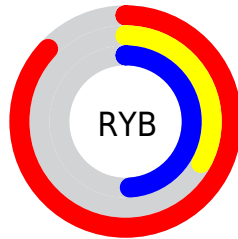
The RGB color **221, 85, 124** is a dark color, and the websafe version is hex **CC3366**. The color can be described as middle muted rose. A complement of this color would be **85, 221, 182**, and the grayscale version is **130, 130, 130**.

A 20% lighter version of the original color is **255, 141, 176**, and **161, 22, 76** is the 20% darker color. If you saturate the color by 10%, you get **221, 63, 108**, and if you desaturate by 10%, it is **221, 107, 140**.

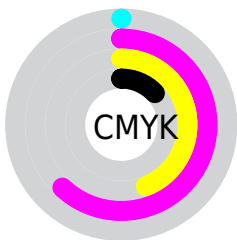
Distribution



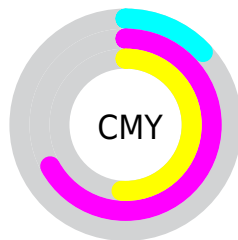
- Red (87%)
- Green (33%)
- Blue (49%)



- Red (87%)
- Yellow (33%)
- Blue (49%)



- Cyan (0%)
- Magenta (62%)
- Yellow (44%)
- Black (13%)



- Cyan (13%)
- Magenta (67%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the RGB color 221, 85, 124 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, 85, 124 by changing the saturation by 10% instead.



221, 85, 124



221, 85, 124

255, 255, 255



191, 56, 99



255, 141, 176



161, 22, 76



255, 169, 204



132, 0, 53



255, 197, 232



103, 0, 32



255, 226, 255



75, 0, 8



47, 0, 2



0, 0, 0



221, 85, 124




221, 85, 124





221, 63, 108





221, 107, 140


 221, 41, 92


 221, 129, 156


 221, 19, 77

 221, 151, 171

 221, 0, 63

 221, 173, 187

 221, 195, 203

 221, 218, 219

 221, 240, 234

 221, 255, 250

 221, 255, 255

Harmonies

Analogous

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



200, 94, 173



221, 85, 124



215, 96, 77

Triad

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



221, 85, 124



96, 146, 47



0, 148, 223

Complementary

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



221, 85, 124



85, 221, 182

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, 155, 190



221, 85, 124



0, 153, 91

Square

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



221, 85, 124



148, 134, 20



0, 156, 142



31, 135, 231

Rectangle

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



221, 85, 124



199, 109, 50



0, 156, 142



0, 151, 214

Sweetspot

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



221, 85, 124



255, 209, 222



180, 85, 221



128, 99, 107



0, 0, 0



128, 128, 128

Same Dimension

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



221, 85, 124



255, 66, 120



221, 112, 85



110, 99, 102



173, 0, 50



46, 0, 13

Inverse Universe

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



221, 85, 124



255, 66, 120



85, 194, 221



110, 99, 102



173, 0, 50



46, 0, 13

Previews

White Background



This preview shows how the RGB color 221, 85, 124 looks on a white background.

Color Contrast Check

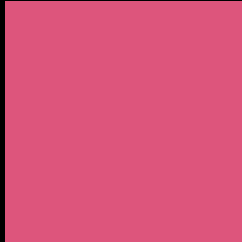
Large Text (above 18pt) WCAG AA ✓ Pass

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 221, 85, 124 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, 85, 124 Background



This preview shows how black text looks on a background with the RGB color 221, 85, 124.



This preview shows how white text looks on a background with the RGB color 221, 85, 124.

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, 85, 124

Protanopia
130, 132, 151

Deuteranopia
152, 128, 117



Tritanopia
219, 90, 96

Trichromacy



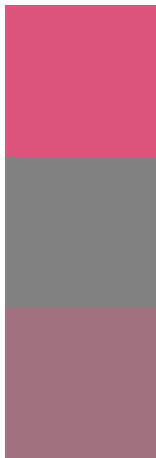
Original Color
221, 85, 124

Protanomaly
163, 115, 141

Deuteranomaly
177, 112, 120

Tritanomaly
220, 88, 106

Monochromacy



Original Color
221, 85, 124

Achromatopsia
130, 130, 130

Achromatomaly
163, 114, 128

CSS Examples

Text

The CSS property to change the color of the text to RGB 221, 85, 124 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, 85, 124)` looks like.

```
.text, #text, p{  
    color:rgb(221, 85, 124)  
}
```

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, 85, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 85, 124) }
```

Border

The CSS property to change the border of an element to RGB 221, 85, 124 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, 85, 124) }
```

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

```
.border{ border-color:rgb(221, 85, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 85, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 85, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 85, 124);  
box-shadow:4px 4px 4px 4px rgb(221, 85,  
124) }
```

Background

The CSS property to change the background color of an element to RGB 221, 85, 124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 85, 124) }
```

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

```
.background{ background-color: rgb(221, 85,  
124) }
```

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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