Converting Colors

RGB(208, 100, 127)

Have a look what the booklet for RGB(208, 100, 127) contains.

Color

RGB(208, 100, 127)

Conversions

Conversions Part 1

Format	Color
Hex	D0647F
RGB	208, 100, 127
RGB Percent	82%, 39%, 50%
CMY	0.1843, 0.6078, 0.5020
CMYK	0.00, 0.52, 0.39, 0.18
HSL	345°, 53%, 60%
HSV	345°, 52%, 82%
XYZ	34.4004, 24.0565, 22.9090
YIQ	135.3700, 55.7010, 31.2930

Conversions

Conversions Part 2

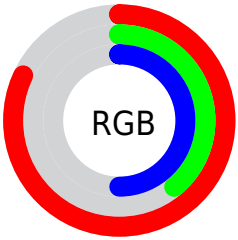
Format	Color
RYB	208, 100, 127
Decimal	13657215
CIELab	56.14, 45.36, 5.43
CIELCh	56, 45.681, 6.831
Yxy	24.0565, 0.4228, 0.2957
Android (android.graphics.Color)	4291847295 (0xFFD0647F)
YUV	135.3700, -4.1264, 63.6965
Hunter-Lab	49.0475, 39.3612, 6.6402

Details

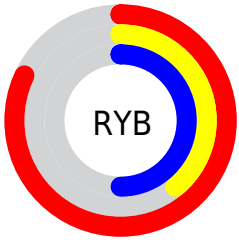
The RGB color 208, 100, 127 is a dark color, and the websafe version is hex CC6666. A complement of this color would be 100, 208, 181, and the grayscale version is 135, 135, 135.

A 20% lighter version of the original color is 255, 154, 180, and 150, 47, 78 is the 20% darker color. If you saturate the color by 10%, you get 208, 79, 111, and if you desaturate by 10%, it is 208, 121, 143.

Distribution

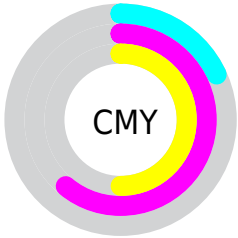


- Red (82%)
- Green (39%)
- Blue (50%)



- Red (82%)
- Yellow (39%)
- Blue (50%)

- Cyan (0%)
- Magenta (52%)
- Yellow (39%)
- Black (18%)



- Cyan (18%)
- Magenta (61%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the RGB color 208, 100, 127 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 208, 100, 127 by changing the saturation by 10% instead.

208, 100, 127

255, 255, 255

255, 154, 180

255, 182, 207

255, 210, 235

255, 239, 255

208, 100, 127

179, 74, 102

150, 47, 78

122, 17, 56

94, 0, 34

67, 0, 12

42, 0, 1

0, 0, 0

208, 100, 127

208, 79, 111

208, 100, 127

208, 121, 143

208, 58, 96

208, 38, 80

208, 17, 65

208, 0, 52

208, 142, 158

208, 162, 174

208, 183, 189

208, 204, 205

208, 225, 221

208, 246, 236

208, 255, 252

208, 255, 255

Harmonies

Analogous

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

191, 106, 167

208, 100, 127

204, 107, 89

Triad

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

208, 100, 127

107, 146, 68

0, 147, 207

Complementary

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

208, 100, 127

100, 208, 181

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, 153, 181

208, 100, 127

47, 152, 102

Square

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

208, 100, 127

149, 135, 52

0, 155, 143

79, 136, 213

Rectangle

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

208, 100, 127

191, 116, 69

0, 155, 143

0, 150, 200

Sweetspot

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

208, 100, 127

255, 214, 224

181, 100, 208

128, 103, 109

0, 0, 0

128, 128, 128

Same Dimension

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

208, 100, 127

255, 97, 136

208, 127, 100

105, 94, 97

168, 0, 42

41, 0, 10

Inverse Universe

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

208, 100, 127

255, 97, 136

100, 181, 208

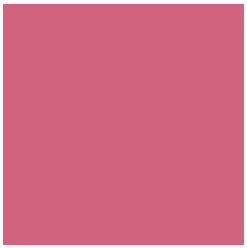
105, 94, 97

168, 0, 42

41, 0, 10

Previews

White Background

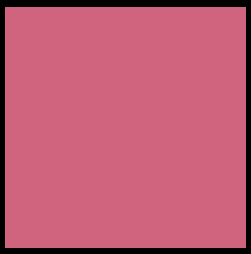


This preview shows how the RGB color 208, 100, 127 looks on a white background.

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



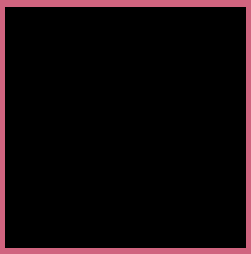
This preview shows how the RGB color 208, 100, 127 looks on a black background.

Color Contrast Check

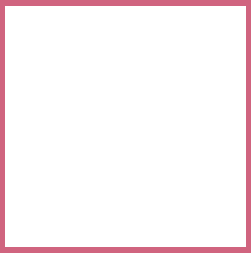
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✕ Fail

If you want to check with other color combinations, try the Color Contrast Checker.

RGB 208, 100, 127 Background



This preview shows how black text looks on a background with the RGB color 208, 100, 127.



This preview shows how white text looks on a background with the RGB color 208, 100, 127.

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

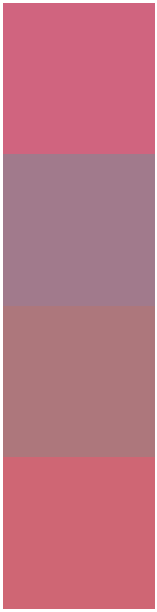
Original Color
208, 100, 127

Protanopia
134, 134, 147

Deuteranopia
153, 130, 122

Tritanopia
207, 103, 110

Trichromacy



Original Color
208, 100, 127

Protanomaly
161, 122, 140

Deuteranomaly
173, 119, 124

Tritanomaly
207, 102, 116

Monochromacy

Original Color
208, 100, 127

Achromatopsia
135, 135, 135

Achromatomaly
162, 122, 132

CSS Examples

Text

The CSS property to change the color of the text to RGB 208, 100, 127 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(208, 100, 127) looks like.

```
.text, #text, p{
    color:rgb(208, 100, 127)
}
```

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(208, 100, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 100, 127) }
```

Border

The CSS property to change the border of an element to RGB 208, 100, 127 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(208, 100, 127) }
```

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

```
.border{ border-color:rgb(208, 100, 127) }
```

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

Here you see how a box with a 4 pixel rgb(208, 100, 127) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(208, 100, 127); -webkit-box-shadow:4px 4px 4px 4px rgb(208, 100, 127); box-shadow:4px 4px 4px 4px rgb(208, 100, 127) }
```

Background

The CSS property to change the background color of an element to RGB 208, 100, 127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(208, 100, 127) }
```

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

```
.background{ background-color:rgb(208,
100, 127) }
```

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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