

Converting Colors

RGB(222, 100, 107)

Have a look what the booklet for
RGB(222, 100, 107) contains.

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Color

RGB(222, 100, 107)

Conversions

Conversions Part 1

Format	Color
Hex	DE646B
RGB	222, 100, 107
RGB Percent	87%, 39%, 42%
CMY	0.1294, 0.6078, 0.5804
CMYK	0.00, 0.55, 0.52, 0.13
HSL	357°, 65%, 63%
HSV	357°, 55%, 87%
XYZ	37.3352, 25.7055, 16.9038
YIQ	137.2760, 70.4650, 28.0410

Conversions

Conversions Part 2

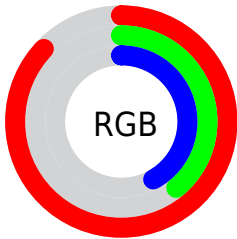
Format	Color
R _Y B	222, 100, 107
Decimal	14574699
CIE Lab	57.76, 48.27, 19.68
CIE LCh	58, 52.122, 22.178
Yxy	25.7055, 0.4670, 0.3215
Android (android.graphics.Color)	4292764779 (0xFFDE646B)
YUV	137.2760, -14.9261, 74.3029
Hunter-Lab	50.7006, 42.7190, 15.7229

Details

The RGB color **222, 100, 107** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **100, 222, 215**, and the grayscale version is **137, 137, 137**.

A 20% lighter version of the original color is **255, 154, 158**, and **162, 46, 60** is the 20% darker color. If you saturate the color by 10%, you get **222, 78, 86**, and if you desaturate by 10%, it is **222, 122, 128**.

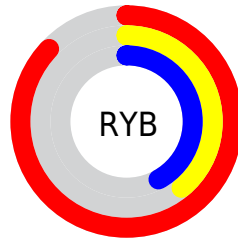
Distribution



Red (87%)

Green (39%)

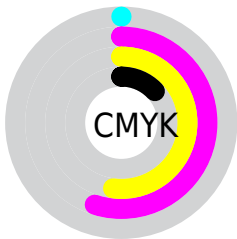
Blue (42%)



Red (87%)

Yellow (39%)

Blue (42%)

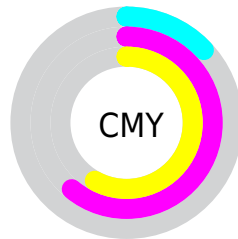


Cyan (0%)

Magenta (55%)

Yellow (52%)

Black (13%)



Cyan (13%)


Magenta (61%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the RGB color 222, 100, 107 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 222, 100, 107 by changing the saturation by 10% instead.

 222, 100, 107


255, 255, 255

 255, 154, 158

 255, 182, 185

 255, 211, 213

 255, 240, 241

 222, 100, 107

 192, 73, 83

 162, 46, 60

 133, 12, 38

 104, 0, 18


 75, 0, 0


 49, 0, 2

 0, 0, 0

 222, 100, 107

 222, 78, 86

 222, 100, 107

 222, 122, 128

■ 222, 56, 65

■ 222, 144, 149

■ 222, 33, 44

■ 222, 167, 170

■ 222, 11, 23

■ 222, 189, 191

■ 222, 0, 13

■ 222, 211, 212

■ 222, 233, 233

■ 222, 255, 253

■ 222, 255, 255

Harmonies

Analogous

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



216, 99, 153



222, 100, 107



206, 115, 68

Triad

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



222, 100, 107



74, 156, 80



0, 147, 229

Complementary

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



222, 100, 107



100, 222, 215

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, 157, 210



222, 100, 107



0, 160, 125

Square

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



222, 100, 107



131, 146, 48



0, 161, 172



120, 132, 223

Rectangle

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



222, 100, 107



186, 127, 49



0, 161, 172



0, 151, 225

Sweetspot

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



222, 100, 107



255, 214, 217



214, 100, 222



128, 103, 105



0, 0, 0



128, 128, 128

Same Dimension

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



222, 100, 107



255, 87, 96



222, 153, 100



112, 101, 102



176, 0, 10



48, 0, 3

Inverse Universe

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



222, 100, 107



255, 87, 96



100, 169, 222



112, 101, 102



176, 0, 10



48, 0, 3

Previews

White Background



This preview shows how the RGB color 222, 100, 107 looks on a white background.

Color Contrast Check

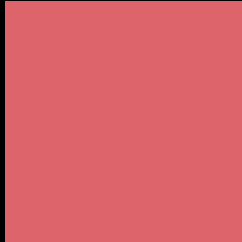
Large Text (above 18pt) WCAG AA ✓ Pass

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 222, 100, 107 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 222, 100, 107 Background



This preview shows how black text looks on a background with the RGB color 222, 100, 107.

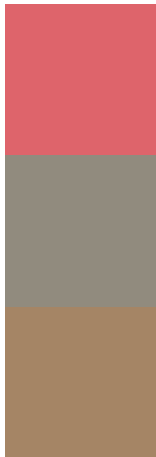


This preview shows how white text looks on a background with the RGB color 222, 100, 107.

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
222, 100, 107

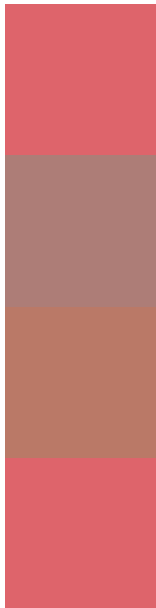
Protanopia
145, 139, 126

Deuteranopia
165, 133, 101



Tritanopia
222, 100, 107

Trichromacy



Original Color
222, 100, 107

Protanomaly
173, 125, 119

Deuteranomaly
186, 121, 103

Tritanomaly
222, 100, 107

Monochromacy



Original Color
222, 100, 107

Achromatopsia
137, 137, 137

Achromatomaly
168, 124, 126

CSS Examples

Text

The CSS property to change the color of the text to RGB 222, 100, 107 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(222, 100, 107)` looks like.

```
.text, #text, p{  
    color:rgb(222, 100, 107)  
}
```

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(222, 100, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 100, 107) }
```

Border

The CSS property to change the border of an element to RGB 222, 100, 107 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(222, 100, 107) }
```

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

```
.border{ border-color:rgb(222, 100, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 100, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 100, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 100, 107);  
box-shadow:4px 4px 4px 4px rgb(222, 100,  
107) }
```

Background

The CSS property to change the background color of an element to RGB 222, 100, 107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 100, 107) }
```

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

```
.background{ background-color: rgb(222,  
100, 107) }
```

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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