

Converting Colors

RGB(221, 96, 110)

Have a look what the booklet for
RGB(221, 96, 110) contains.

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Color

RGB(221, 96, 110)

Conversions

Conversions Part 1

Format	Color
Hex	DD606E
RGB	221, 96, 110
RGB Percent	87%, 38%, 43%
CMY	0.1333, 0.6235, 0.5686
CMYK	0.00, 0.57, 0.50, 0.13
HSL	353°, 65%, 62%
HSV	353°, 57%, 87%
XYZ	36.8161, 24.8637, 17.6106
YIQ	134.9710, 70.0060, 30.8540

Conversions

Conversions Part 2

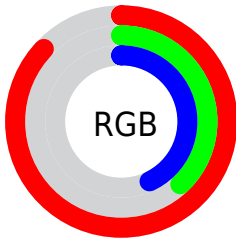
Format	Color
R_{YB}	221, 96, 110
Decimal	14508142
CIE _{Lab}	56.94, 50.07, 16.79
CIE _{LCh}	57, 52.812, 18.542
Yxy	24.8637, 0.4643, 0.3136
Android (android.graphics.Color)	4292698222 (0xFFDD606E)
YUV	134.9710, -12.3107, 75.4474
Hunter-Lab	49.8635, 44.5323, 13.9646

Details

The RGB color **221, 96, 110** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **96, 221, 207**, and the grayscale version is **135, 135, 135**.

A 20% lighter version of the original color is **255, 150, 161**, and **161, 41, 63** is the 20% darker color. If you saturate the color by 10%, you get **221, 74, 90**, and if you desaturate by 10%, it is **221, 118, 130**.

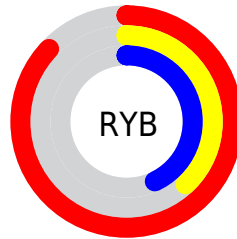
Distribution



Red (87%)

Green (38%)

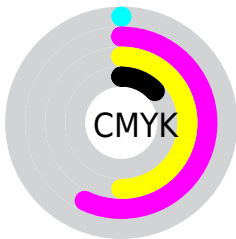
Blue (43%)



Red (87%)

Yellow (38%)

Blue (43%)

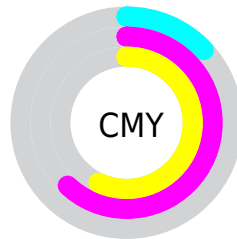


Cyan (0%)

Magenta (57%)

Yellow (50%)

Black (13%)



Cyan (13%)

Magenta (62%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the RGB color 221, 96, 110 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, 96, 110 by changing the saturation by 10% instead.

 221, 96, 110  221, 96, 110

255, 255, 255  191, 69, 86


 255, 150, 161  161, 41, 63

 255, 178, 188  132, 1, 41

 255, 207, 216  103, 0, 21

 255, 236, 245  75, 0, 0

 48, 0, 2

 0, 0, 0

 221, 96, 110  221, 96, 110

 221, 74, 90  221, 118, 130

■ 221, 52, 71

■ 221, 140, 149

■ 221, 30, 51

■ 221, 162, 169

■ 221, 8, 32

■ 221, 184, 188

■ 221, 0, 25

■ 221, 207, 208

■ 221, 229, 228

■ 221, 251, 247

■ 221, 255, 255

Harmonies

Analogous

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



212, 97, 156



221, 96, 110



207, 110, 69

Triad

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



221, 96, 110



79, 153, 73



0, 147, 227

Complementary

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



221, 96, 110



96, 221, 207

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, 156, 205



221, 96, 110



0, 158, 117

Square

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



221, 96, 110



134, 143, 42



0, 159, 165



106, 132, 224

Rectangle

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



221, 96, 110



188, 122, 48



0, 159, 165



0, 151, 222

Sweetspot

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



221, 96, 110



255, 212, 217



206, 96, 221



128, 102, 105



0, 0, 0



128, 128, 128

Same Dimension

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



221, 96, 110



255, 82, 101



221, 144, 96



110, 99, 100



173, 0, 19



46, 0, 5

Inverse Universe

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



221, 96, 110



255, 82, 101



96, 173, 221



110, 99, 100



173, 0, 19



46, 0, 5

Previews

White Background



This preview shows how the RGB color 221, 96, 110 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, 96, 110 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, 96, 110 Background



This preview shows how black text looks on a background with the RGB color 221, 96, 110.



This preview shows how white text looks on a background with the RGB color 221, 96, 110.

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, 96, 110

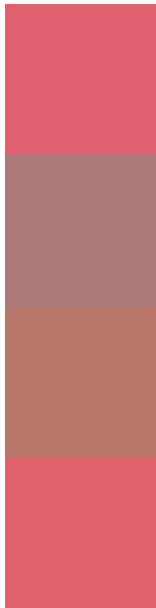
Protanopia
141, 137, 130

Deuteranopia
161, 132, 104



Tritanopia
221, 97, 104

Trichromacy



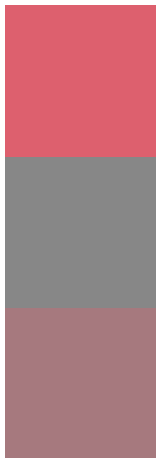
Original Color
221, 96, 110

Protanomaly
170, 122, 123

Deuteranomaly
183, 119, 106

Tritanomaly
221, 97, 106

Monochromacy



Original Color
221, 96, 110

Achromatopsia
135, 135, 135

Achromatomaly
166, 121, 126

CSS Examples

Text

The CSS property to change the color of the text to RGB 221, 96, 110 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, 96, 110)` looks like.

```
.text, #text, p{  
    color:rgb(221, 96, 110)  
}
```

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, 96, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 96, 110) }
```

Border

The CSS property to change the border of an element to RGB 221, 96, 110 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, 96, 110) }
```

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

```
.border{ border-color:rgb(221, 96, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 96, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 96, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 96, 110);  
box-shadow:4px 4px 4px 4px rgb(221, 96,  
110) }
```

Background

The CSS property to change the background color of an element to RGB 221, 96, 110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 96, 110) }
```

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

```
.background{ background-color: rgb(221, 96,  
110) }
```

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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