

Converting Colors

`RYB(204, 98, 125)`

Have a look what the booklet for
RYB(204, 98, 125) contains.

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Color

R_YB(204, 98, 125)

Conversions

Conversions Part 1

Format	Color
Hex	CC627D
RGB	204, 98, 125
RGB Percent	80%, 38%, 49%
CMY	0.2000, 0.6157, 0.5098
CMYK	0.00, 0.52, 0.39, 0.20
HSL	345°, 51%, 59%
HSV	345°, 52%, 80%
XYZ	32.9712, 23.0534, 22.1140
YIQ	132.7720, 54.5090, 30.8690

Conversions

Conversions Part 2

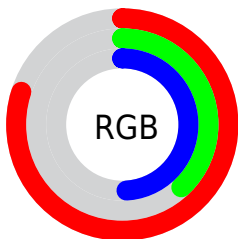
Format	Color
R_{YB}	204, 98, 125
Decimal	13394557
CIE _{Lab}	55.13, 44.74, 5.07
CIE _{LCh}	55, 45.023, 6.468
Yxy	23.0534, 0.4220, 0.2950
Android (android.graphics.Color)	4291584637 (0xFFCC627D)
YUV	132.7720, -3.8316, 62.4670
Hunter-Lab	48.0140, 38.5515, 6.3023

Details

The RYB color **204, 98, 125** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **98, 159, 204**, and the grayscale version is **133, 133, 133**.

A 20% lighter version of the original color is **255, 152, 177**, and **146, 45, 76** is the 20% darker color. If you saturate the color by 10%, you get **204, 78, 110**, and if you desaturate by 10%, it is **204, 118, 140**.

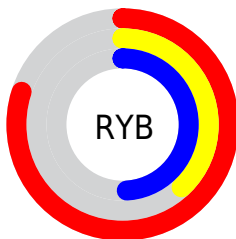
Distribution



Red (80%)

Green (38%)

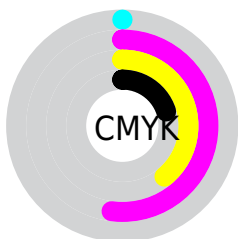
Blue (49%)



Red (80%)

Yellow (38%)

Blue (49%)

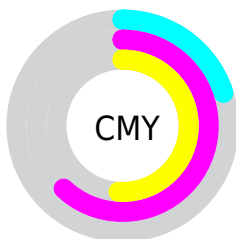


Cyan (0%)

Magenta (52%)

Yellow (39%)

Black (20%)



Cyan (20%)

Magenta (62%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the RYB color 204, 98, 125 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 RYB color 204, 98, 125 by changing the saturation by 10% instead.



204, 98, 125



204, 98, 125

255, 255, 255



175, 72, 100



255, 152, 177



146, 45, 76



255, 179, 205



118, 15, 54



255, 208, 233



91, 0, 33



255, 236, 255



64, 0, 9



37, 0, 1



0, 0, 0



204, 98, 125



204, 98, 125



204, 78, 110



204, 118, 140

 204, 57, 95

 204, 139, 155

 204, 37, 79

 204, 159, 171

 204, 16, 64

 204, 180, 186

 204, 0, 52

 204, 200, 201

 204, 213, 220

 204, 225, 241

 204, 232, 255

 204, 230, 255

Harmonies

Analogous

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



187, 104, 164



204, 98, 125



200, 108, 88

Triad

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



204, 98, 125



66, 143, 104



0, 84, 203

Complementary

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



204, 98, 125



98, 159, 204

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, 81, 177



204, 98, 125



47, 115, 149

Square

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



204, 98, 125



66, 146, 51



0, 79, 152



77, 116, 209

Rectangle

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



204, 98, 125



188, 143, 68



0, 79, 152



0, 84, 196

Sweetspot

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



204, 98, 125



255, 214, 225



176, 98, 204



128, 103, 109



0, 0, 0



128, 128, 128

Same Dimension

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



204, 98, 125



255, 97, 137



204, 131, 98



102, 92, 94



166, 0, 42



38, 0, 10

Inverse Universe

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



204, 98, 125



255, 97, 137



98, 144, 204



102, 92, 94



166, 0, 42



38, 0, 10

Previews

White Background



This preview shows how the RYB color 204, 98, 125 looks on a white background.

Color Contrast Check

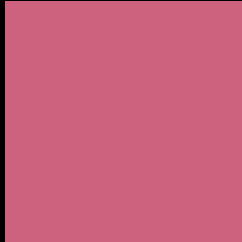
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the RYB color 204, 98, 125 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](#).

RYP 204, 98, 125 Background



This preview shows how black text looks on a background with the RYP color 204, 98, 125.

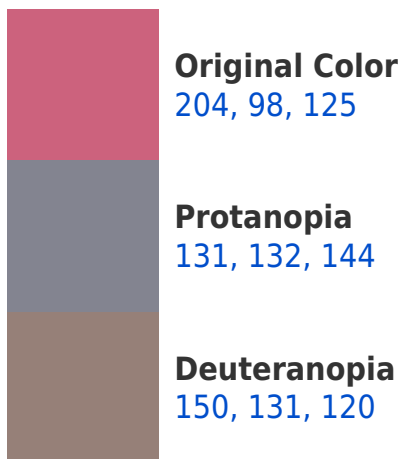


This preview shows how white text looks on a background with the RYP color 204, 98, 125.

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
203, 101, 108

Trichromacy



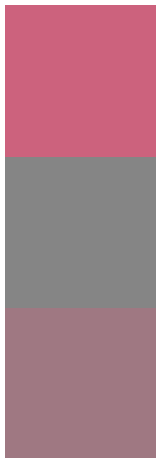
Original Color
204, 98, 125

Protanomaly
158, 120, 137

Deuteranomaly
170, 117, 122

Tritanomaly
203, 100, 114

Monochromacy



Original Color
204, 98, 125

Achromatopsia
133, 133, 133

Achromatomaly
159, 120, 130

CSS Examples

Text

The CSS property to change the color of the text to RYB 204, 98, 125 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(204, 98, 125) looks like.

```
.text, #text, p{  
    color:rgb(204, 98, 125)  
}
```

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(204, 98, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 98, 125) }
```

Border

The CSS property to change the border of an element to RYB 204, 98, 125 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(204, 98, 125) }
```

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

```
.border{ border-color:rgb(204, 98, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 98, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 98, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 98, 125);  
box-shadow:4px 4px 4px 4px rgb(204, 98,  
125) }
```

Background

The CSS property to change the background color of an element to RGB 204, 98, 125 is called "background".

The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 98, 125) }
```

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

```
.background{ background-color: rgb(204, 98,  
125) }
```

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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