

Converting Colors

`RYB(208, 115, 152)`

Have a look what the booklet for
RYB(208, 115, 152) contains.

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Color

$\text{RYB}(208, 115, 152)$

Conversions

Conversions Part 1

Format	Color
Hex	D07398
RGB	208, 115, 152
RGB Percent	82%, 45%, 60%
CMY	0.1843, 0.5490, 0.4039
CMYK	0.00, 0.45, 0.27, 0.18
HSL	336°, 50%, 63%
HSV	336°, 45%, 82%
XYZ	37.8107, 27.9384, 33.1056
YIQ	147.0250, 43.5510, 31.2230

Conversions

Conversions Part 2

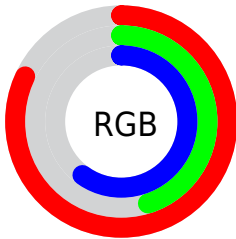
Format	Color
R _Y B	208, 115, 152
Decimal	13661080
CIE Lab	59.83, 40.86, -3.74
CIE LCh	60, 41.034, 354.771
Yxy	27.9384, 0.3825, 0.2826
Android (android.graphics.Color)	4291851160 (0xFFD07398)
YUV	147.0250, 2.4527, 53.4751
Hunter-Lab	52.8568, 35.1892, -0.1352

Details

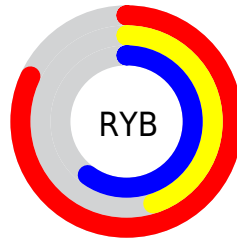
The RYB color **208, 115, 152** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **115, 173, 208**, and the grayscale version is **147, 147, 147**.

A 20% lighter version of the original color is **255, 169, 206**, and **151, 63, 101** is the 20% darker color. If you saturate the color by 10%, you get **208, 94, 139**, and if you desaturate by 10%, it is **208, 136, 165**.

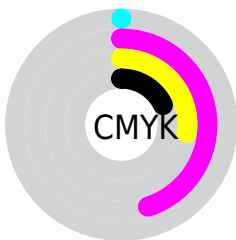
Distribution



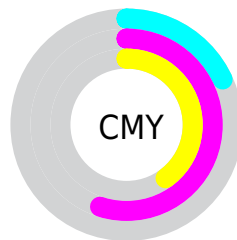
- Red (82%)
- Green (45%)
- Blue (60%)



- Red (82%)
- Yellow (45%)
- Blue (60%)



- Cyan (0%)
- Magenta (45%)
- Yellow (27%)
- Black (18%)



- Cyan (18%)
- Magenta (55%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the RYB color 208, 115, 152 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 208, 115, 152 by changing the saturation by 10% instead.

 208, 115, 152

255, 255, 255

 255, 169, 206

 255, 197, 234

 255, 225, 255


255, 254, 255

 208, 115, 152

 208, 94, 139


 208, 115, 152

 179, 89, 126

 151, 63, 101

 124, 38, 77

 97, 7, 55

 71, 0, 33

 49, 0, 10

 0, 0, 0

 208, 115, 152

 208, 136, 165

■ 208, 73, 127

■ 208, 157, 177

■ 208, 53, 114

■ 208, 177, 190

■ 208, 32, 102

■ 208, 198, 202

■ 208, 11, 89

■ 208, 215, 219

■ 208, 0, 83

■ 208, 228, 240

■ 208, 236, 255

■ 208, 232, 255

■ 208, 232, 255

Harmonies

Analogous

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



183, 124, 186



208, 115, 152



212, 117, 116

Triad

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



208, 115, 152



76, 151, 91



0, 89, 202

Complementary

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



208, 115, 152



115, 173, 208

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, 84, 173



208, 115, 152



93, 152, 159

Square

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



208, 115, 152



118, 172, 71



22, 99, 162



69, 121, 216

Rectangle

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



208, 115, 152



205, 133, 95



22, 99, 162



0, 88, 194

Sweetspot

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



208, 115, 152



255, 222, 235



171, 115, 208



128, 107, 115



0, 0, 0



128, 128, 128

Same Dimension

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



208, 115, 152



255, 117, 172



208, 125, 115



105, 94, 98



168, 0, 67



41, 0, 16

Inverse Universe

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



208, 115, 152



255, 117, 172



115, 159, 208



105, 94, 98



168, 0, 67



41, 0, 16

Previews

White Background



This preview shows how the RYB color 208, 115, 152 looks on a white background.

Color Contrast Check

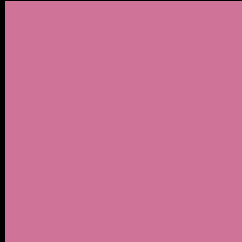
Large Text (above 18pt) WCAG AA ✓ Pass

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 208, 115, 152 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

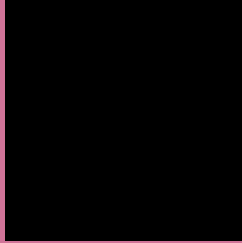
Any Text WCAG AA ✓ Pass

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](#).

RYB 208, 115, 152 Background



This preview shows how black text looks on a background with the RYB color 208, 115, 152.

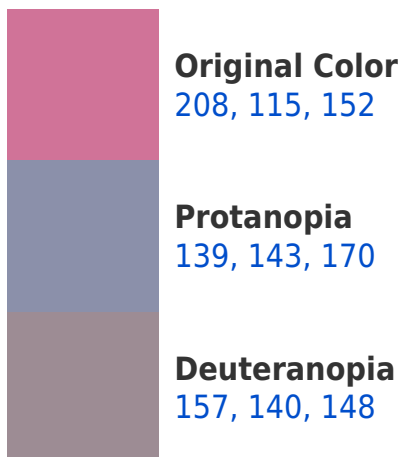



This preview shows how white text looks on a background with the RYB color 208, 115, 152.

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
206, 119, 128

Trichromacy



Original Color
208, 115, 152

Protanomaly
164, 133, 163

Deuteranomaly
176, 131, 149

Tritanomaly
207, 118, 137

Monochromacy



Original Color
208, 115, 152

Achromatopsia
147, 147, 147

Achromatomaly
169, 135, 149

CSS Examples

Text

The CSS property to change the color of the text to RYB 208, 115, 152 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, 115, 152) looks like.

```
.text, #text, p{  
    color:rgb(208, 115, 152)  
}
```

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, 115, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 115, 152) }
```

Border

The CSS property to change the border of an element to RYB 208, 115, 152 is called "border". The border property can be set on classes, ids or directly on the HTML element.

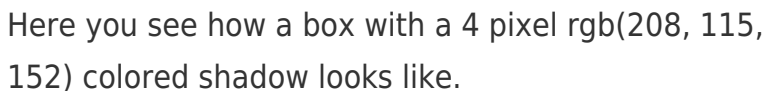
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(208, 115, 152) }
```

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

```
.border{ border-color:rgb(208, 115, 152) }
```

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



Here you see how a box with a 4 pixel `rgb(208, 115, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 115, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 115, 152);  
box-shadow:4px 4px 4px 4px rgb(208, 115,  
152) }
```

Background

The CSS property to change the background color of an element to RGB 208, 115, 152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 115, 152) }
```

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

```
.background{ background-color: rgb(208,  
115, 152) }
```

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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