

Converting Colors

`RYB(205, 120, 148)`

Have a look what the booklet for
RYB(205, 120, 148) contains.

RYB(205, 120, 148)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(205, 120, 148)

Conversions

Conversions Part 1

Format	Color
Hex	CD7894
RGB	205, 120, 148
RGB Percent	80%, 47%, 58%
CMY	0.1961, 0.5294, 0.4196
CMYK	0.00, 0.41, 0.28, 0.20
HSL	340°, 46%, 64%
HSV	340°, 41%, 80%
XYZ	37.2386, 28.5502, 31.5650
YIQ	148.6070, 41.6720, 26.7280

Conversions

Conversions Part 2

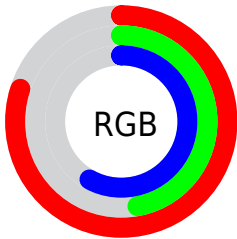
Format	Color
R _Y B	205, 120, 148
Decimal	13465748
CIE Lab	60.38, 36.63, -0.67
CIE LCh	60, 36.637, 358.948
Yxy	28.5502, 0.3825, 0.2933
Android (android.graphics.Color)	4291655828 (0xFFCD7894)
YUV	148.6070, -0.2993, 49.4567
Hunter-Lab	53.4324, 30.8952, 2.3773

Details

The RYB color **205, 120, 148** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **120, 171, 205**, and the grayscale version is **149, 149, 149**.

A 20% lighter version of the original color is **255, 174, 202**, and **149, 69, 97** is the 20% darker color. If you saturate the color by 10%, you get **205, 100, 134**, and if you desaturate by 10%, it is **205, 140, 162**.

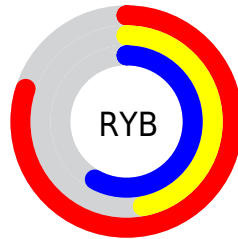
Distribution



Red (80%)

Green (47%)

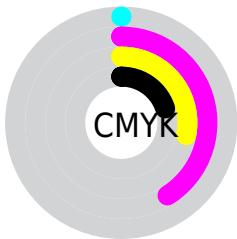
Blue (58%)



Red (80%)

Yellow (47%)

Blue (58%)

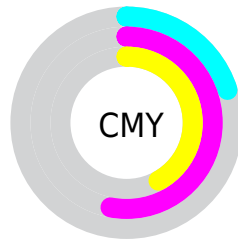


Cyan (0%)

Magenta (41%)

Yellow (28%)

Black (20%)



Cyan (20%)


Magenta (53%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the RYB color 205, 120, 148 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 205, 120, 148 by changing the saturation by 10% instead.

 205, 120, 148

255, 255, 255

 255, 174, 202


 255, 202, 230

 255, 230, 255

 205, 120, 148

 176, 94, 122

 149, 69, 97

 121, 44, 74

 95, 18, 51

 69, 0, 30


 48, 0, 5


 0, 0, 0

 205, 120, 148


 205, 100, 134

 205, 120, 148

 205, 140, 162

 205, 79, 121

 205, 161, 175

 205, 58, 107

 205, 181, 189

 205, 38, 93

 205, 202, 203

 205, 17, 79

 205, 215, 222

 205, 0, 68

 205, 228, 243

 205, 233, 255

 205, 230, 255

Harmonies

Analogous

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



185, 126, 179



205, 120, 148



207, 124, 116

Triad

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



205, 120, 148



88, 153, 107



11, 94, 200

Complementary

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



205, 120, 148



120, 171, 205

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, 176



205, 120, 148



95, 146, 159

Square

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



205, 120, 148



113, 167, 80



45, 109, 162



94, 131, 210

Rectangle

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



205, 120, 148



199, 141, 98



45, 109, 162



0, 87, 193

Sweetspot

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



205, 120, 148



255, 224, 234



177, 120, 205



128, 110, 116



0, 0, 0



128, 128, 128

Same Dimension

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



205, 120, 148



255, 128, 169



205, 137, 120



102, 92, 95



166, 0, 55



38, 0, 13

Inverse Universe

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



205, 120, 148



255, 128, 170



120, 159, 205



102, 92, 95



166, 0, 55



38, 0, 13

Previews

White Background



This preview shows how the RYB color 205, 120, 148 looks on a white background.

Color Contrast Check

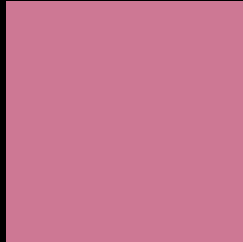
Large Text (above 18pt) WCAG AA ✓ Pass

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 205, 120, 148 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 205, 120, 148 Background



This preview shows how black text looks on a background with the RYB color 205, 120, 148.

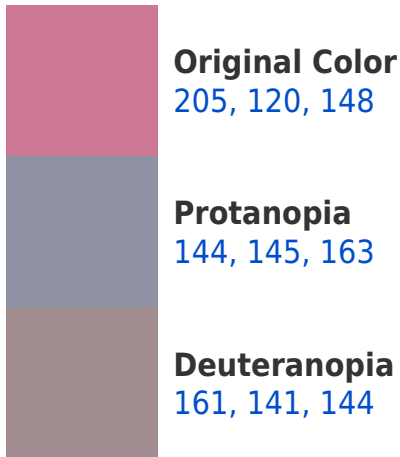


This preview shows how white text looks on a background with the RYB color 205, 120, 148.

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, 123, 132

Trichromacy



Original Color
205, 120, 148

Protanomaly
166, 136, 158

Deuteranomaly
177, 133, 145

Tritanomaly
204, 122, 138

Monochromacy



Original Color
205, 120, 148

Achromatopsia
149, 149, 149

Achromatomaly
169, 138, 149

CSS Examples

Text

The CSS property to change the color of the text to RYB 205, 120, 148 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(205, 120, 148) looks like.

```
.text, #text, p{  
    color:rgb(205, 120, 148)  
}
```

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(205, 120, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 120, 148) }
```

Border

The CSS property to change the border of an element to RYB 205, 120, 148 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(205, 120, 148) }
```

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

```
.border{ border-color:rgb(205, 120, 148) }
```

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

Here you see how a box with a 4 pixel rgb(205, 120, 148) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 120, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 120, 148);  
box-shadow:4px 4px 4px 4px rgb(205, 120,  
148) }
```

Background

The CSS property to change the background color of an element to RGB 205, 120, 148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 120, 148) }
```

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

```
.background{ background-color: rgb(205,  
120, 148) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor