

# Converting Colors

`RYB(206, 127, 152)`

Have a look what the booklet for  
RYB(206, 127, 152) contains.

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# Color

**R<sub>Y</sub>B(206, 127, 152)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CE7F98
RGB	206, 127, 152
RGB Percent	81%, 50%, 60%
CMY	0.1922, 0.5020, 0.4039
CMYK	0.00, 0.38, 0.26, 0.19
HSL	341°, 45%, 65%
HSV	341°, 38%, 81%
XYZ	38.7105, 30.5676, 33.5656
YIQ	153.4710, 39.0590, 24.5230

# Conversions

## Conversions Part 2

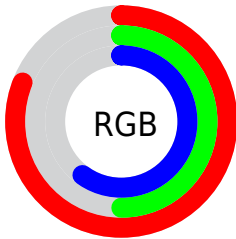
Format	Color
R <sub>Y</sub> B	206, 127, 152
Decimal	13533080
CIE Lab	62.14, 33.81, -0.38
CIE LCh	62, 33.812, 359.355
Yxy	30.5676, 0.3764, 0.2972
Android (android.graphics.Color)	4291723160 (0xFFCE7F98)
YUV	153.4710, -0.7252, 46.0679
Hunter-Lab	55.2879, 28.2249, 2.7062

# Details

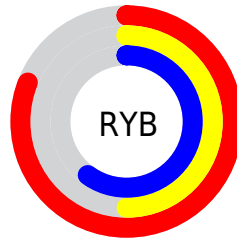
The RYB color **206, 127, 152** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **127, 174, 206**, and the grayscale version is **153, 153, 153**.

A 20% lighter version of the original color is **255, 181, 206**, and **150, 76, 101** is the 20% darker color. If you saturate the color by 10%, you get **206, 106, 138**, and if you desaturate by 10%, it is **206, 148, 166**.

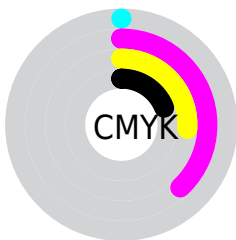
# Distribution



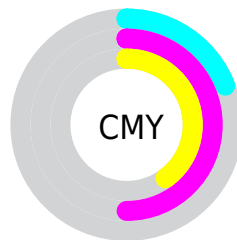
- Red (81%)
- Green (50%)
- Blue (60%)



- Red (81%)
- Yellow (50%)
- Blue (60%)



- Cyan (0%)
- Magenta (38%)
- Yellow (26%)
- Black (19%)



- Cyan (19%)
- Magenta (50%)
- Yellow (40%)

# Brightness & Saturation Gradients


These gradients show how the RYB color 206, 127, 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 206, 127, 152 by changing the saturation by 10% instead.




 206, 127, 152


255, 255, 255


 255, 181, 206

 255, 209, 234

 255, 237, 255

 206, 127, 152

 178, 101, 126

 150, 76, 101

 123, 52, 77

 96, 27, 55

 70, 0, 33

 48, 0, 10

 0, 0, 0

 206, 127, 152

 206, 106, 138


 206, 127, 152

 206, 148, 166

 206, 86, 124

 206, 168, 180

 206, 65, 110

 206, 189, 194

 206, 45, 96

 206, 208, 209

 206, 24, 82

 206, 220, 230

 206, 3, 68

 206, 233, 251

 206, 0, 65

 206, 232, 255

 206, 231, 255

# Harmonies

## Analogous

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



187, 132, 181



206, 127, 152



208, 130, 122

# Triad

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



206, 127, 152



97, 157, 114



53, 115, 201

# Complementary

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



206, 127, 152



127, 174, 206

# 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.



26, 99, 179



206, 127, 152



104, 151, 163

# Square

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



206, 127, 152



122, 171, 90



64, 120, 166



106, 138, 210

# Rectangle

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



206, 127, 152



200, 146, 106



64, 120, 166



37, 107, 195



# Sweetspot

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



206, 127, 152



255, 224, 234



181, 127, 206



128, 110, 115



0, 0, 0



128, 128, 128



# Same Dimension

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



206, 127, 152



255, 138, 175



206, 144, 127



102, 92, 95



166, 0, 52



38, 0, 12



# Inverse Universe

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



206, 127, 152



255, 138, 175



127, 163, 206



102, 92, 95



166, 0, 52

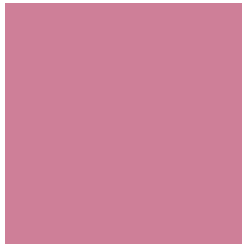


38, 0, 12



# Previews

## White Background



This preview shows how the RYB color 206, 127, 152 looks on a white background.

## Color Contrast Check

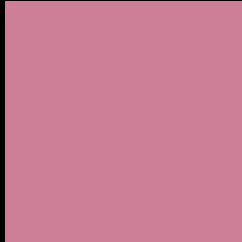
Large Text (above 18pt) WCAG AA × Fail

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 206, 127, 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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## **RYB 206, 127, 152 Background**



This preview shows how black text looks on a background with the RYB color 206, 127, 152.



This preview shows how white text looks on a background with the RYB color 206, 127, 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



**Original Color**  
206, 127, 152

**Protanopia**  
149, 150, 166

**Deuteranopia**  
166, 146, 149



**Tritanopia**  
205, 129, 139

# Trichromacy



**Original Color**  
206, 127, 152

**Protanomaly**  
170, 142, 161

**Deuteranomaly**  
181, 139, 150

**Tritanomaly**  
205, 128, 144

# Monochromacy



**Original Color**  
206, 127, 152

**Achromatopsia**  
153, 153, 153

**Achromatomaly**  
172, 144, 153

# CSS Examples

## Text

The CSS property to change the color of the text to RYB 206, 127, 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(206, 127, 152) looks like.

```
.text, #text, p{  
    color:rgb(206, 127, 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(206, 127, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 127, 152) }
```

## Border

The CSS property to change the border of an element to RYB 206, 127, 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(206, 127, 152) }
```

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

```
.border{ border-color:rgb(206, 127, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 127, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 127, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 127, 152);  
box-shadow:4px 4px 4px 4px rgb(206, 127,  
152) }
```

# Background

The CSS property to change the background color of an element to RYB 206, 127, 152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 127, 152) }
```

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

```
.background{ background-color: rgb(206,  
127, 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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