

Converting Colors

`RYB(206, 115, 162)`

Have a look what the booklet for
RYB(206, 115, 162) contains.

RYB(206, 115, 162)	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(206, 115, 162)

Conversions

Conversions Part 1

Format	Color
Hex	CE73A2
RGB	206, 115, 162
RGB Percent	81%, 45%, 64%
CMY	0.1922, 0.5490, 0.3647
CMYK	0.00, 0.44, 0.21, 0.19
HSL	329°, 48%, 63%
HSV	329°, 44%, 81%
XYZ	38.1059, 27.9919, 37.5770
YIQ	147.5670, 39.1490, 33.9090

Conversions

Conversions Part 2

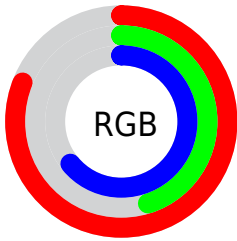
Format	Color
R _{YB}	206, 115, 162
Decimal	13530018
CIE Lab	59.88, 41.61, -9.46
CIE LCh	60, 42.670, 347.195
Yxy	27.9919, 0.3676, 0.2700
Android (android.graphics.Color)	4291720098 (0xFFCE73A2)
YUV	147.5670, 7.1155, 51.2457
Hunter-Lab	52.9074, 35.9746, -5.0750

Details

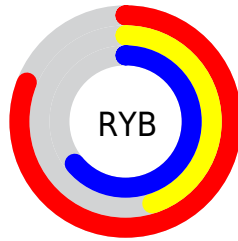
The RYB color **206, 115, 162** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **115, 176, 206**, and the grayscale version is **147, 147, 147**.

A 20% lighter version of the original color is **255, 169, 217**, and **150, 63, 110** is the 20% darker color. If you saturate the color by 10%, you get **206, 94, 152**, and if you desaturate by 10%, it is **206, 136, 172**.

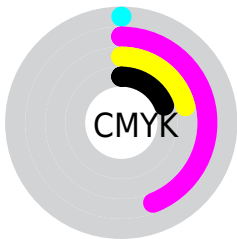
Distribution



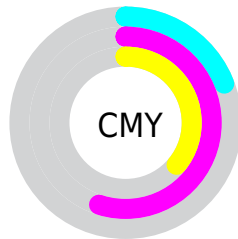
- Red (81%)
- Green (45%)
- Blue (64%)



- Red (81%)
- Yellow (45%)
- Blue (64%)



- Cyan (0%)
- Magenta (44%)
- Yellow (21%)
- Black (19%)



- Cyan (19%)
- Magenta (55%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the RYB color 206, 115, 162 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, 115, 162 by changing the saturation by 10% instead.

 206, 115, 162

255, 255, 255

 255, 169, 217

 255, 197, 245

 255, 225, 255

255, 254, 255

 206, 115, 162

 206, 94, 152

 206, 115, 162

 177, 89, 136

 150, 63, 110

 122, 38, 86


 96, 6, 63


 70, 0, 41

 48, 0, 21


 0, 0, 0


 206, 115, 162


 206, 136, 172


 206, 74, 142


 206, 156, 182

 206, 53, 132

 206, 177, 192

 206, 33, 122

 206, 197, 202

 206, 12, 112

 206, 214, 218

 206, 0, 106

 206, 228, 239

 206, 238, 255

 206, 234, 255

 206, 231, 255

Harmonies

Analogous

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



175, 126, 196



206, 115, 162



216, 114, 124

Triad

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



206, 115, 162



70, 149, 73



0, 89, 198

Complementary

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



206, 115, 162



115, 176, 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.



0, 82, 165



206, 115, 162



91, 158, 146

Square

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



206, 115, 162



143, 181, 70



40, 112, 163



27, 103, 217

Rectangle

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



206, 115, 162



211, 123, 101



40, 112, 163



0, 87, 189

Sweetspot

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



206, 115, 162



255, 222, 239



159, 115, 206



128, 107, 118



0, 0, 0



128, 128, 128

Same Dimension

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



206, 115, 162



255, 120, 190



206, 115, 117



102, 92, 97



166, 0, 86



38, 0, 20

Inverse Universe

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



206, 115, 162



255, 120, 190



115, 161, 206



102, 92, 97



166, 0, 86



38, 0, 20

Previews

White Background



This preview shows how the RYB color 206, 115, 162 looks on a white background.

Color Contrast Check

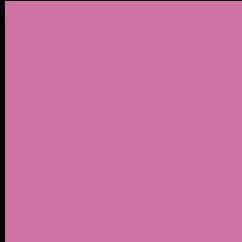
Large Text (above 18pt) WCAG AA ✓ Pass

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 206, 115, 162 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 206, 115, 162 Background



This preview shows how black text looks on a background with the RYB color 206, 115, 162.

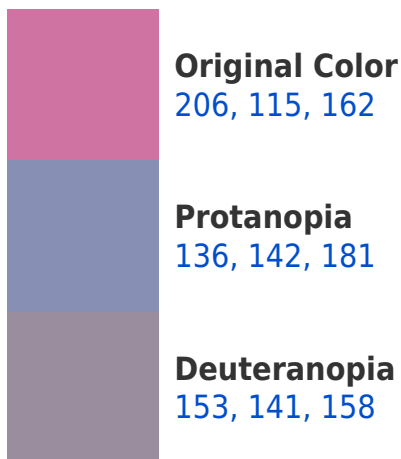



This preview shows how white text looks on a background with the RYB color 206, 115, 162.

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, 121, 130

Trichromacy



Original Color

206, 115, 162



Protanomaly

161, 133, 174



Deuteranomaly

172, 132, 159



Tritanomaly

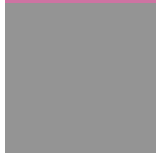
204, 119, 142

Monochromacy



Original Color

206, 115, 162



Achromatopsia

148, 148, 148



Achromatomaly

169, 136, 153

CSS Examples

Text

The CSS property to change the color of the text to RYB 206, 115, 162 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, 115, 162) looks like.

```
.text, #text, p{  
    color:rgb(206, 115, 162)  
}
```

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, 115, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 115, 162) }
```

Border

The CSS property to change the border of an element to RYB 206, 115, 162 is called "border". The border property can be set on classes, ids or directly on the HTML element.

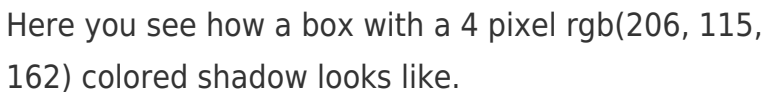
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(206, 115, 162) }
```

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

```
.border{ border-color:rgb(206, 115, 162) }
```

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



Here you see how a box with a 4 pixel `rgb(206, 115, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(206, 115, 162); -webkit-box-shadow:4px 4px 4px 4px rgb(206, 115, 162); box-shadow:4px 4px 4px 4px rgb(206, 115, 162) }
```

Background

The CSS property to change the background color of an element to RGB 206, 115, 162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 115, 162) }
```

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

```
.background{ background-color: rgb(206,  
115, 162) }
```

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