

Converting Colors

`RYB(195, 86, 214)`

Have a look what the booklet for
RYB(195, 86, 214) contains.

RYB(195, 86, 214)	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(195, 86, 214)

Conversions

Conversions Part 1

Format	Color
Hex	C356D6
RGB	195, 86, 214
RGB Percent	76%, 34%, 84%
CMY	0.2353, 0.6627, 0.1608
CMYK	0.09, 0.60, 0.00, 0.16
HSL	291°, 61%, 59%
HSV	291°, 60%, 84%
XYZ	37.9711, 23.1127, 66.0782
YIQ	133.1830, 23.8760, 62.9160

Conversions

Conversions Part 2

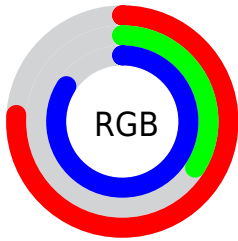
Format	Color
RYB	195, 86, 214
Decimal	12801750
CIELab	55.19, 61.40, -46.59
CIELCh	55, 77.078, 322.810
Yxy	23.1127, 0.2986, 0.1818
Android (android.graphics.Color)	4290991830 (0xFFC356D6)
YUV	133.1830, 39.8428, 54.2135
Hunter-Lab	48.0757, 56.8501, -47.8389

Details

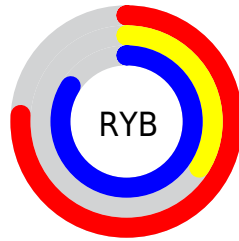
The RYB color **195, 86, 214** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted magenta. A complement of this color would be **86, 214, 195**, and the grayscale version is **133, 133, 133**.

A 20% lighter version of the original color is **254, 141, 255**, and **138, 25, 159** is the 20% darker color. If you saturate the color by 10%, you get **192, 65, 214**, and if you desaturate by 10%, it is **198, 107, 214**.

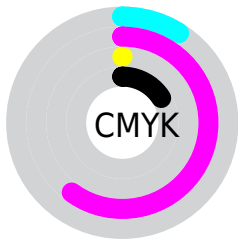
Distribution



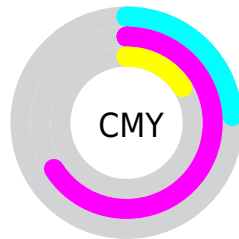
- Red (76%)
- Green (34%)
- Blue (84%)



- Red (76%)
- Yellow (34%)
- Blue (84%)



- Cyan (9%)
- Magenta (60%)
- Yellow (0%)
- Black (16%)



















- Cyan (24%)
- Magenta (66%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the RYB color 195, 86, 214 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 195, 86, 214 by changing the saturation by 10% instead.

 195, 86, 214	 195, 86, 214
 255, 255, 255	 166, 58, 186
 254, 141, 255	 138, 25, 159
 255, 169, 255	 110, 0, 132
 255, 198, 255	 83, 0, 106
 255, 227, 255	 56, 0, 81
	 30, 0, 58
	 0, 2, 35
	 0, 0, 9
	 0, 0, 0


 195, 86, 214


 195, 86, 214


 192, 65, 214

 198, 107, 214

 189, 43, 214


 201, 129, 214

 185, 22, 214

 205, 150, 214

 182, 0, 214

 208, 172, 214

 211, 193, 214

 214, 214, 214

 214, 236, 233

 214, 255, 249

 214, 255, 245

Harmonies

Analogous

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



85, 115, 255



195, 86, 214



240, 50, 151

Triad

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



195, 86, 214



68, 173, 0



0, 85, 182

Complementary

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



195, 86, 214



86, 214, 195

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, 94, 160



195, 86, 214



0, 144, 33

Square

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



195, 86, 214



220, 141, 15



0, 123, 155



0, 95, 238

Rectangle

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



195, 86, 214



248, 48, 107



0, 123, 155



0, 81, 161

Sweetspot

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



195, 86, 214



248, 209, 255



86, 103, 214



123, 99, 128



0, 0, 0



128, 128, 128

Same Dimension

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



195, 86, 214



228, 71, 255



214, 86, 169



106, 96, 107



145, 0, 171



37, 0, 43

Inverse Universe

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



214, 86, 105



255, 71, 99



86, 181, 214



107, 96, 98



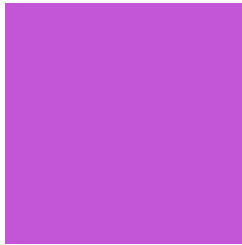
171, 0, 25



43, 0, 6

Previews

White Background



This preview shows how the RYB color 195, 86, 214 looks on a white background.

Color Contrast Check

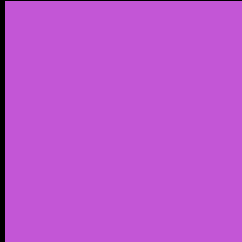
Large Text (above 18pt) WCAG AA ✓ Pass

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 195, 86, 214 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

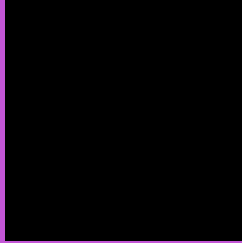
Any Text WCAG AA ✓ Pass

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 195, 86, 214 Background



This preview shows how black text looks on a background with the RYB color 195, 86, 214.

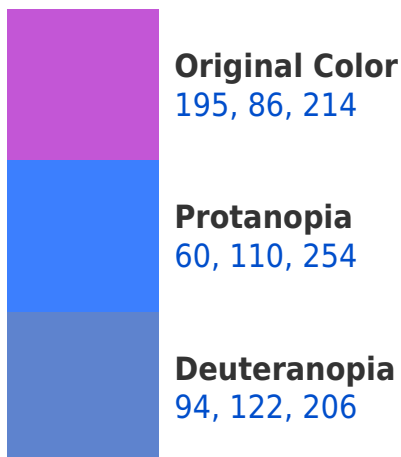


This preview shows how white text looks on a background with the RYB color 195, 86, 214.

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
183, 112, 121

Trichromacy



Original Color
195, 86, 214



Protanomaly
109, 113, 239



Deuteranomaly
131, 115, 209



Tritanomaly
187, 103, 155

Monochromacy



Original Color
195, 86, 214



Achromatopsia
133, 133, 133



Achromatomaly
156, 116, 162

CSS Examples

Text

The CSS property to change the color of the text to RYB 195, 86, 214 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(195, 86, 214) looks like.

```
.text, #text, p{  
    color:rgb(195, 86, 214)  
}
```

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(195, 86, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 86, 214) }
```

Border

The CSS property to change the border of an element to RYB 195, 86, 214 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(195, 86, 214) }
```

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

```
.border{ border-color:rgb(195, 86, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 86, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 86, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 86, 214);  
box-shadow:4px 4px 4px 4px rgb(195, 86,  
214) }
```

Background

The CSS property to change the background color of an element to RYB 195, 86, 214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 86, 214) }
```

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

```
.background{ background-color: rgb(195, 86,  
214) }
```

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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