

Converting Colors

`RYB(194, 86, 214)`

Have a look what the booklet for RYB(194, 86, 214) contains.

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Color

R_YB(194, 86, 214)

Conversions

Conversions Part 1

Format	Color
Hex	C256D6
RGB	194, 86, 214
RGB Percent	76%, 34%, 84%
CMY	0.2392, 0.6627, 0.1608
CMYK	0.09, 0.60, 0.00, 0.16
HSL	291°, 61%, 59%
HSV	291°, 60%, 84%
XYZ	37.7135, 22.9800, 66.0662
YIQ	132.8840, 23.2800, 62.7040

Conversions

Conversions Part 2

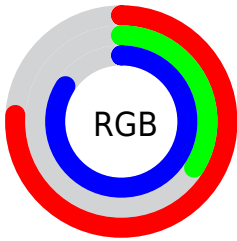
Format	Color
RYB	194, 86, 214
Decimal	12736214
CIELab	55.05, 61.16, -46.82
CIElCh	55, 77.019, 322.566
Yxy	22.9800, 0.2975, 0.1813
Android (android.graphics.Color)	4290926294 (0xFFC256D6)
YUV	132.8840, 39.9902, 53.5987
Hunter-Lab	47.9374, 56.5398, -48.1559

Details

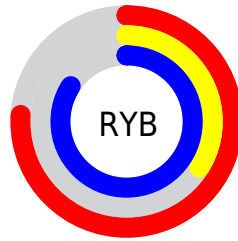
The RYB color **194, 86, 214** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted magenta. A complement of this color would be **86, 214, 194**, and the grayscale version is **132, 132, 132**.

A 20% lighter version of the original color is **253, 141, 255**, and **137, 25, 159** is the 20% darker color. If you saturate the color by 10%, you get **191, 65, 214**, and if you desaturate by 10%, it is **197, 107, 214**.

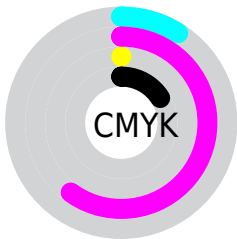
Distribution



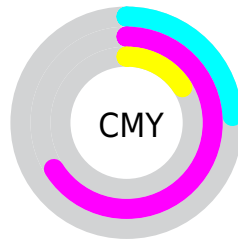
- Red (76%)
- Green (34%)
- Blue (84%)



- 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 194, 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 194, 86, 214 by changing the saturation by 10% instead.

 194, 86, 214	 194, 86, 214
255, 255, 255	 165, 58, 186
 253, 141, 255	 137, 25, 159
 255, 169, 255	 109, 0, 132
 255, 198, 255	 82, 0, 106
 255, 227, 255	 55, 0, 81
	 29, 0, 58
	 0, 2, 35
	 0, 0, 9
	 0, 0, 0

■ 194, 86, 214

■ 194, 86, 214

■ 191, 65, 214

■ 197, 107, 214

■ 187, 43, 214

■ 201, 129, 214

■ 184, 22, 214

■ 204, 150, 214

■ 181, 0, 214

■ 207, 172, 214

■ 211, 193, 214

■ 214, 214, 214

■ 214, 236, 233

■ 214, 255, 248

■ 214, 255, 245

Harmonies

Analogous

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



83, 115, 255



194, 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.



194, 86, 214



70, 173, 0



0, 85, 181

Complementary

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



194, 86, 214



86, 214, 194

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



194, 86, 214



0, 143, 32

Square

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



194, 86, 214



220, 138, 15



0, 122, 154



0, 95, 238

Rectangle

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



194, 86, 214



247, 47, 107



0, 122, 154



0, 81, 161

Sweetspot

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



194, 86, 214



248, 209, 255



86, 104, 214



123, 99, 128



0, 0, 0



128, 128, 128

Same Dimension

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



194, 86, 214



226, 71, 255



214, 86, 171



105, 96, 107



144, 0, 171



37, 0, 43

Inverse Universe

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



214, 86, 106



255, 71, 100



86, 182, 214



107, 96, 98



171, 0, 27



43, 0, 7

Previews

White Background



This preview shows how the RYB color 194, 86, 214 looks on a white background.

Color Contrast Check

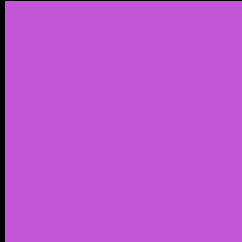
Large Text (above 18pt) WCAG AA ✓ Pass

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 194, 86, 214 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

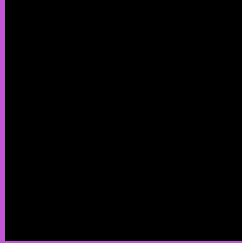
Any Text WCAG AA ✓ Pass

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 194, 86, 214 Background



This preview shows how black text looks on a background with the RYB color 194, 86, 214.

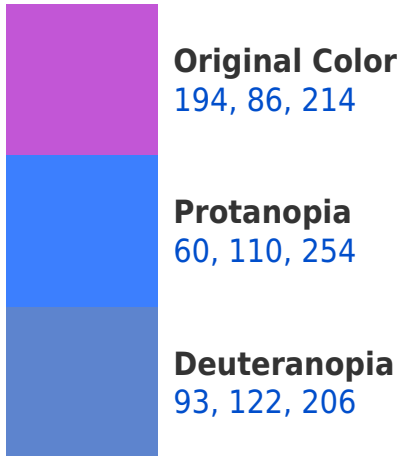


This preview shows how white text looks on a background with the RYB color 194, 86, 214.

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
182, 112, 121

Trichromacy



Original Color

194, 86, 214



Protanomaly

109, 113, 239



Deuteranomaly

130, 115, 209



Tritanomaly

186, 103, 155

Monochromacy



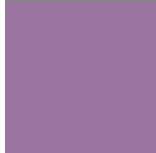
Original Color

194, 86, 214



Achromatopsia

133, 133, 133



Achromatomaly

155, 116, 162

CSS Examples

Text

The CSS property to change the color of the text to RYB 194, 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(194, 86, 214) looks like.

```
.text, #text, p{  
    color:rgb(194, 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(194, 86, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 86, 214) }
```

Border

The CSS property to change the border of an element to RYB 194, 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(194, 86, 214) }
```

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

```
.border{ border-color:rgb(194, 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(194, 86, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 86, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 86, 214);  
box-shadow:4px 4px 4px 4px rgb(194, 86,  
214) }
```

Background

The CSS property to change the background color of an element to RYB 194, 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(194, 86, 214) }
```

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

```
.background{ background-color: rgb(194, 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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