

Converting Colors

`RYB(186, 92, 214)`

Have a look what the booklet for
RYB(186, 92, 214) contains.

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Color

R_YB(186, 92, 214)

Conversions

Conversions Part 1

Format	Color
Hex	BA5CD6
RGB	186, 92, 214
RGB Percent	73%, 36%, 84%
CMY	0.2706, 0.6392, 0.1608
CMYK	0.13, 0.57, 0.00, 0.16
HSL	286°, 60%, 60%
HSV	286°, 57%, 84%
XYZ	36.2144, 22.9484, 66.1391
YIQ	134.0140, 16.8620, 57.8700

Conversions

Conversions Part 2

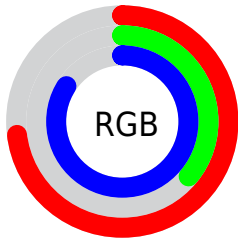
Format	Color
RYB	186, 92, 214
Decimal	12213462
CIELab	55.02, 56.36, -46.93
CIELCh	55, 73.345, 320.216
Yxy	22.9484, 0.2890, 0.1831
Android (android.graphics.Color)	4290403542 (0xFFBA5CD6)
YUV	134.0140, 39.4331, 45.5917
Hunter-Lab	47.9045, 51.1080, -48.3252

Details

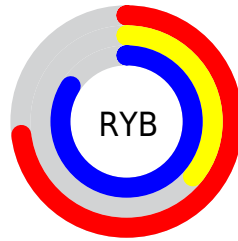
The RYB color **186, 92, 214** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted purple. A complement of this color would be **92, 214, 186**, and the grayscale version is **134, 134, 134**.

A 20% lighter version of the original color is **244, 146, 255**, and **130, 37, 159** is the 20% darker color. If you saturate the color by 10%, you get **181, 71, 214**, and if you desaturate by 10%, it is **191, 113, 214**.

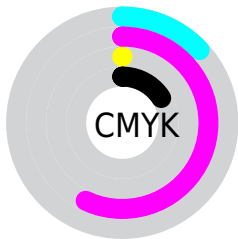
Distribution



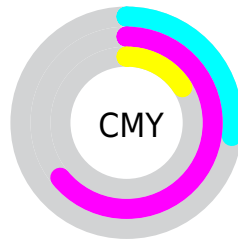
- Red (73%)
- Green (36%)
- Blue (84%)



- Red (73%)
- Yellow (36%)
- Blue (84%)



- Cyan (13%)
- Magenta (57%)
- Yellow (0%)
- Black (16%)



















- Cyan (27%)
- Magenta (64%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the RYB color 186, 92, 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 186, 92, 214 by changing the saturation by 10% instead.

 186, 92, 214	 186, 92, 214
 255, 255, 255	 158, 65, 186
 244, 146, 255	 130, 37, 159
 255, 174, 255	 102, 0, 132
 255, 202, 255	 75, 0, 106
 255, 231, 255	 49, 0, 81
	 22, 0, 58
	 0, 2, 35
	 0, 0, 9
	 0, 0, 0

 186, 92, 214


 186, 92, 214


 181, 71, 214

 191, 113, 214

 176, 49, 214

 196, 135, 214


 171, 28, 214

 201, 156, 214

 166, 6, 214

 206, 178, 214

 165, 0, 214

 211, 199, 214

 214, 220, 219

 214, 242, 236

 214, 255, 244

 214, 255, 239

Harmonies

Analogous

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



75, 113, 252



186, 92, 214



233, 60, 155

Triad

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



186, 92, 214



78, 176, 0



0, 83, 174

Complementary

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



186, 92, 214



92, 214, 186

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, 158



186, 92, 214



0, 141, 23

Square

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



186, 92, 214



219, 121, 31



6, 125, 153



0, 93, 229

Rectangle

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



186, 92, 214



243, 56, 113



6, 125, 153



0, 82, 160

Sweetspot

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



186, 92, 214



245, 212, 255



92, 115, 214



122, 102, 128



0, 0, 0



128, 128, 128

Same Dimension

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



186, 92, 214



215, 82, 255



214, 92, 181



105, 96, 107



132, 0, 171



33, 0, 43

Inverse Universe

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



214, 92, 120



255, 82, 121



92, 188, 214



107, 96, 99



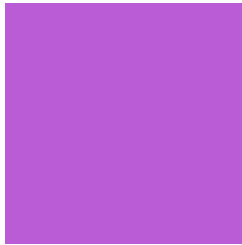
171, 0, 39



43, 0, 10

Previews

White Background



This preview shows how the RYB color 186, 92, 214 looks on a white background.

Color Contrast Check

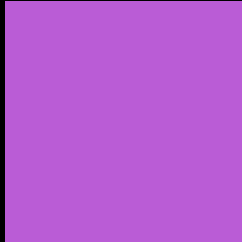
Large Text (above 18pt) WCAG AA ✓ Pass

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 186, 92, 214 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

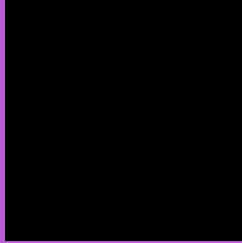
Any Text WCAG AA ✓ Pass

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 186, 92, 214 Background



This preview shows how black text looks on a background with the RYB color 186, 92, 214.

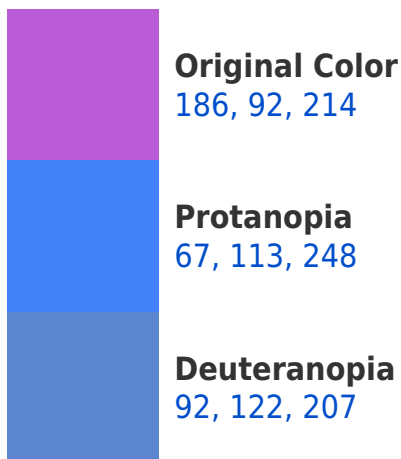



This preview shows how white text looks on a background with the RYB color 186, 92, 214.

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
173, 116, 125

Trichromacy



Original Color
186, 92, 214



Protanomaly
110, 115, 236



Deuteranomaly
126, 117, 210



Tritanomaly
178, 107, 157

Monochromacy



Original Color
186, 92, 214



Achromatopsia
134, 134, 134



Achromatomaly
153, 119, 163

CSS Examples

Text

The CSS property to change the color of the text to RYB 186, 92, 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(186, 92, 214)` looks like.

```
.text, #text, p{  
    color:rgb(186, 92, 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(186, 92, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 92, 214) }
```

Border

The CSS property to change the border of an element to RYB 186, 92, 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(186, 92, 214) }
```

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

```
.border{ border-color:rgb(186, 92, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 92, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 92, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 92, 214);  
box-shadow:4px 4px 4px 4px rgb(186, 92,  
214) }
```

Background

The CSS property to change the background color of an element to RGB 186, 92, 214 is called "background".

The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 92, 214) }
```

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

```
.background{ background-color: rgb(186, 92,  
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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