

Converting Colors

`RYB(206, 91, 175)`

Have a look what the booklet for
RYB(206, 91, 175) contains.

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Color

RYB(206, 91, 175)

Conversions

Conversions Part 1

Format	Color
Hex	CE5BAF
RGB	206, 91, 175
RGB Percent	81%, 36%, 69%
CMY	0.1922, 0.6431, 0.3137
CMYK	0.00, 0.56, 0.15, 0.19
HSL	316°, 54%, 58%
HSV	316°, 56%, 81%
XYZ	36.9325, 23.6991, 43.1853
YIQ	134.9610, 41.5760, 50.5040

Conversions

Conversions Part 2

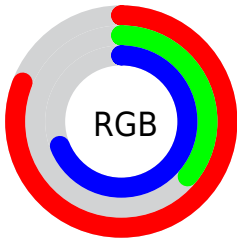
Format	Color
R _{YB}	206, 91, 175
Decimal	13523887
CIE _{Lab}	55.79, 55.44, -23.18
CIE _{LCh}	56, 60.091, 337.312
Yxy	23.6991, 0.3557, 0.2283
Android (android.graphics.Color)	4291713967 (0xFFCE5BAF)
YUV	134.9610, 19.7392, 62.3012
Hunter-Lab	48.6818, 50.2265, -18.5186

Details

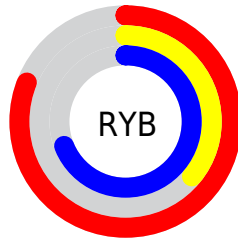
The RYB color **206, 91, 175** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted rose. A complement of this color would be **91, 182, 206**, and the grayscale version is **135, 135, 135**.

A 20% lighter version of the original color is **255, 146, 231**, and **149, 33, 122** is the 20% darker color. If you saturate the color by 10%, you get **206, 70, 169**, and if you desaturate by 10%, it is **206, 112, 181**.

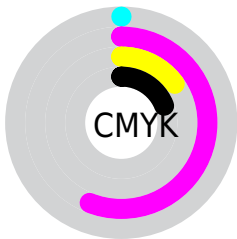
Distribution



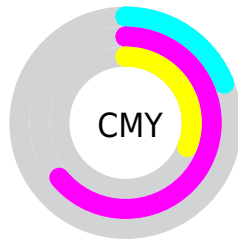
- Red (81%)
- Green (36%)
- Blue (69%)



- Red (81%)
- Yellow (36%)
- Blue (69%)



- Cyan (0%)
- Magenta (56%)
- Yellow (15%)
- Black (19%)



- Cyan (19%)
- Magenta (64%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RYB color 206, 91, 175 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, 91, 175 by changing the saturation by 10% instead.



206, 91, 175



206, 91, 175

255, 255, 255



177, 63, 148



255, 146, 231



149, 33, 122



255, 174, 255



121, 0, 97



255, 202, 255



94, 0, 73



255, 231, 255



68, 0, 50



43, 0, 29



0, 0, 0



206, 91, 175



206, 91, 175



206, 70, 169



206, 112, 181


 206, 50, 164

 206, 132, 186

 206, 29, 158

 206, 153, 192

 206, 9, 153

 206, 173, 197

 206, 0, 150

 206, 194, 203

 206, 213, 215

 206, 229, 235

 206, 245, 255

 206, 241, 255

Harmonies

Analogous

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



152, 114, 217



206, 91, 175



227, 81, 123

Triad

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



206, 91, 175



18, 148, 4



0, 87, 196

Complementary

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



206, 91, 175



91, 182, 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, 158



206, 91, 175



42, 148, 98

Square

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



206, 91, 175



170, 191, 30



0, 98, 155



0, 91, 230

Rectangle

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



206, 91, 175



225, 88, 89



0, 98, 155



0, 84, 180

Sweetspot

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



206, 91, 175



255, 212, 243



122, 91, 206



128, 102, 121



0, 0, 0



128, 128, 128

Same Dimension

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



206, 91, 175



255, 84, 209



206, 91, 118



102, 92, 99



166, 0, 121



38, 0, 28

Inverse Universe

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



206, 91, 175



255, 84, 209



91, 156, 206



102, 92, 99



166, 0, 121



38, 0, 28

Previews

White Background



This preview shows how the RYB color 206, 91, 175 looks on a white background.

Color Contrast Check

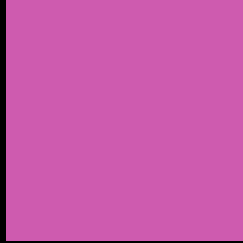
Large Text (above 18pt) WCAG AA ✓ Pass

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, 91, 175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

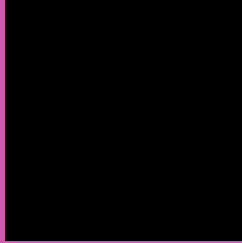
Any Text WCAG AA ✓ Pass

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, 91, 175 Background



This preview shows how black text looks on a background with the RYB color 206, 91, 175.

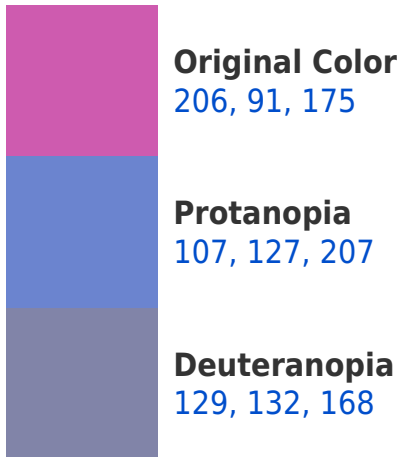



This preview shows how white text looks on a background with the RYB color 206, 91, 175.

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
200, 106, 113

Trichromacy



Original Color

206, 91, 175



Protanomaly

143, 117, 195



Deuteranomaly

157, 117, 171



Tritanomaly

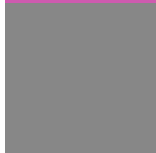
202, 101, 136

Monochromacy



Original Color

206, 91, 175



Achromatopsia

135, 135, 135



Achromatomaly

161, 119, 150

CSS Examples

Text

The CSS property to change the color of the text to RYB 206, 91, 175 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, 91, 175)` looks like.

```
.text, #text, p{  
    color:rgb(206, 91, 175)  
}
```

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, 91, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 91, 175) }
```

Border

The CSS property to change the border of an element to RYB 206, 91, 175 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, 91, 175) }
```

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

```
.border{ border-color:rgb(206, 91, 175) }
```

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

Here you see how a box with a 4 pixel rgb(206, 91, 175) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 91, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 91, 175);  
box-shadow:4px 4px 4px 4px rgb(206, 91,  
175) }
```

Background

The CSS property to change the background color of an element to RGB 206, 91, 175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 91, 175) }
```

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

```
.background{ background-color: rgb(206, 91,  
175) }
```

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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