

Converting Colors

`RYB(200, 66, 136)`

Have a look what the booklet for
RYB(200, 66, 136) contains.

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Color

R_YB(200, 66, 136)

Conversions

Conversions Part 1

Format	Color
Hex	C84288
RGB	200, 66, 136
RGB Percent	78%, 26%, 53%
CMY	0.2157, 0.7412, 0.4667
CMYK	0.00, 0.67, 0.32, 0.22
HSL	329°, 55%, 52%
HSV	329°, 67%, 78%
XYZ	30.2116, 17.9534, 25.1656
YIQ	114.0460, 57.3940, 50.1780

Conversions

Conversions Part 2

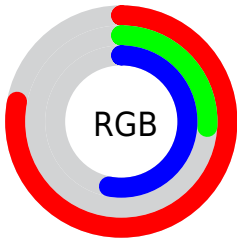
Format	Color
R _Y B	200, 66, 136
Decimal	13124232
CIE Lab	49.44, 59.16, -9.91
CIE LCh	49, 59.988, 350.490
Yxy	17.9534, 0.4120, 0.2448
Android (android.graphics.Color)	4291314312 (0xFFC84288)
YUV	114.0460, 10.8233, 75.3817
Hunter-Lab	42.3714, 53.1237, -5.5540

Details

The RYB color **200, 66, 136** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle muted rose. A complement of this color would be **66, 157, 200**, and the grayscale version is **114, 114, 114**.

A 20% lighter version of the original color is **255, 122, 189**, and **142, 0, 86** is the 20% darker color. If you saturate the color by 10%, you get **200, 46, 126**, and if you desaturate by 10%, it is **200, 86, 146**.

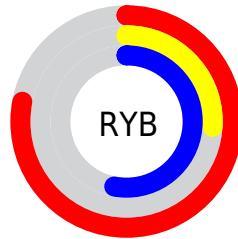
Distribution



Red (78%)

Green (26%)

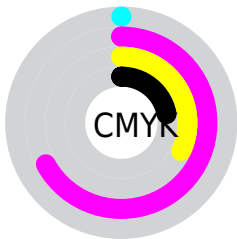
Blue (53%)



Red (78%)

Yellow (26%)

Blue (53%)

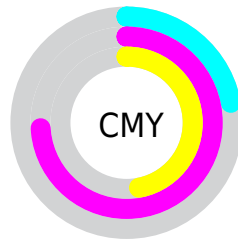


Cyan (0%)

Magenta (67%)

Yellow (32%)

Black (22%)



Cyan (22%)


Magenta (74%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the RYB color 200, 66, 136 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 200, 66, 136 by changing the saturation by 10% instead.

 200, 66, 136

255, 255, 255


 255, 122, 189


 255, 150, 217

 255, 179, 246

 255, 208, 255

 255, 237, 255

 200, 66, 136

 171, 34, 111

 142, 0, 86


 113, 0, 63

 85, 0, 41

 60, 0, 21

 27, 0, 1

 0, 0, 0

 200, 66, 136

 200, 46, 126

 200, 66, 136

 200, 86, 146

■ 200, 26, 117

■ 200, 106, 155

■ 200, 6, 107

■ 200, 126, 165

■ 200, 0, 104

■ 200, 146, 174

■ 200, 166, 184

■ 200, 186, 193

■ 200, 204, 206

■ 200, 218, 226

■ 200, 231, 246

Harmonies

Analogous

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



162, 87, 183



200, 66, 136



207, 67, 85

Triad

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



200, 66, 136



0, 125, 17



0, 81, 196

Complementary

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



200, 66, 136



66, 157, 200

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, 73, 152



200, 66, 136



37, 126, 135

Square

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



200, 66, 136



65, 155, 0



0, 82, 140



0, 81, 218

Rectangle

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



200, 66, 136



198, 86, 54



0, 82, 140



0, 79, 183

Sweetspot

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



200, 66, 136



255, 204, 231



129, 66, 200



128, 97, 113



0, 0, 0



128, 128, 128

Same Dimension

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



200, 66, 136



255, 51, 158



200, 66, 70



99, 90, 95



163, 0, 85



36, 0, 19

Inverse Universe

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



200, 66, 136



255, 51, 158



66, 134, 200



99, 90, 95



163, 0, 85



36, 0, 19

Previews

White Background



This preview shows how the RYB color 200, 66, 136 looks on a white background.

Color Contrast Check

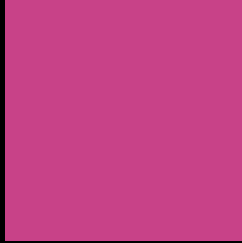
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 200, 66, 136 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](#).

RYP 200, 66, 136 Background



This preview shows how black text looks on a background with the RYP color 200, 66, 136.

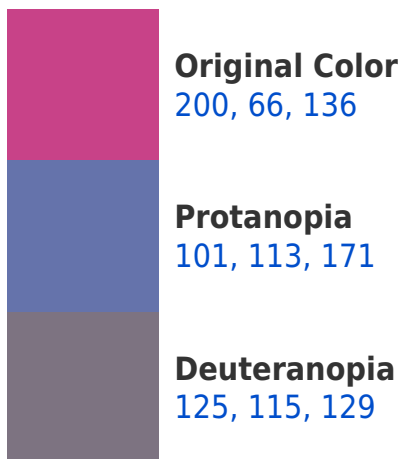


This preview shows how white text looks on a background with the RYP color 200, 66, 136.

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](#).

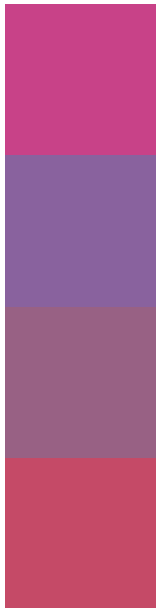
Dichromacy





Tritanopia
196, 79, 84

Trichromacy



Original Color

200, 66, 136

Protanomaly

137, 98, 158

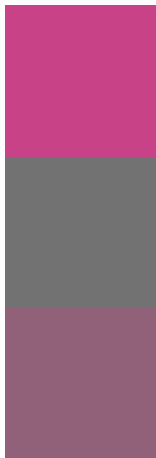
Deuteranomaly

152, 97, 132

Tritanomaly

197, 74, 103

Monochromacy



Original Color

200, 66, 136

Achromatopsia

114, 114, 114

Achromatomaly

145, 97, 122

CSS Examples

Text

The CSS property to change the color of the text to RYB 200, 66, 136 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(200, 66, 136) looks like.

```
.text, #text, p{  
    color:rgb(200, 66, 136)  
}
```

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(200, 66, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 66, 136) }
```

Border

The CSS property to change the border of an element to RYB 200, 66, 136 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(200, 66, 136) }
```

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

```
.border{ border-color:rgb(200, 66, 136) }
```

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

Here you see how a box with a 4 pixel rgb(200, 66, 136) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 66, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 66, 136);  
box-shadow:4px 4px 4px 4px rgb(200, 66,  
136) }
```

Background

The CSS property to change the background color of an element to RGB 200, 66, 136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 66, 136) }
```

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

```
.background{ background-color: rgb(200, 66,  
136) }
```

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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