

Converting Colors

`RYB(197, 62, 186)`

Have a look what the booklet for
RYB(197, 62, 186) contains.

RYB(197, 62, 186)	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(197, 62, 186)

Conversions

Conversions Part 1

Format	Color
Hex	C53EBA
RGB	197, 62, 186
RGB Percent	77%, 24%, 73%
CMY	0.2275, 0.7569, 0.2706
CMYK	0.00, 0.69, 0.06, 0.23
HSL	305°, 54%, 51%
HSV	305°, 69%, 77%
XYZ	33.6115, 18.8607, 48.3233
YIQ	116.5010, 40.6560, 67.1840

Conversions

Conversions Part 2

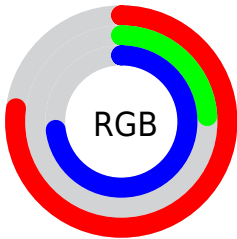
Format	Color
RYB	197, 62, 186
Decimal	12926650
CIELab	50.52, 66.84, -37.86
CIELCh	51, 76.816, 330.471
Yxy	18.8607, 0.3335, 0.1871
Android (android.graphics.Color)	4291116730 (0xFFC53EBA)
YUV	116.5010, 34.2630, 70.5976
Hunter-Lab	43.4289, 62.1481, -35.5716

Details

The RYB color **197, 62, 186** is a dark color, and the websafe version is hex **CC33CC**. The color can be described as middle muted rose. A complement of this color would be **62, 187, 197**, and the grayscale version is **116, 116, 116**.

A 20% lighter version of the original color is **255, 120, 243**, and **139, 0, 132** is the 20% darker color. If you saturate the color by 10%, you get **197, 42, 184**, and if you desaturate by 10%, it is **197, 82, 188**.

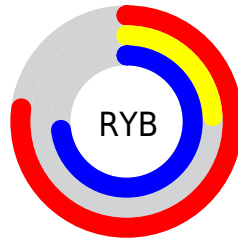
Distribution



Red (77%)

Green (24%)

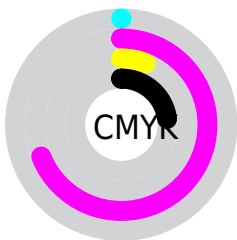
Blue (73%)



Red (77%)

Yellow (24%)

Blue (73%)

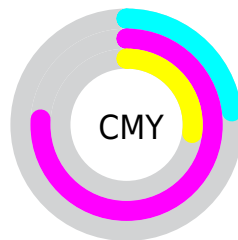


Cyan (0%)

Magenta (69%)

Yellow (6%)

Black (23%)



Cyan (23%)

Magenta (76%)

Yellow (27%)


Brightness & Saturation Gradients

These gradients show how the RYB color 197, 62, 186 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 197, 62, 186 by changing the saturation by 10% instead.

 197, 62, 186

255, 255, 255

 255, 120, 243

 255, 149, 255

 255, 177, 255


 255, 206, 255

 255, 236, 255

 197, 62, 186

 168, 26, 159

 139, 0, 132

 111, 0, 107

 84, 0, 82

 59, 0, 58

 29, 0, 36

 0, 0, 10

 0, 0, 0

 197, 62, 186

 197, 62, 186

197, 42, 184

197, 82, 188

197, 23, 183

197, 101, 189

197, 3, 181

197, 121, 191

197, 0, 181

197, 141, 192

197, 161, 194

197, 180, 196

197, 200, 200

197, 218, 220

197, 236, 239

Harmonies

Analogous

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



111, 102, 235



197, 62, 186



230, 22, 122

Triad

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



197, 62, 186



33, 145, 0



0, 82, 185

Complementary

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



197, 62, 186



62, 187, 197

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, 148



197, 62, 186



0, 135, 56

Square

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



197, 62, 186



195, 167, 0



0, 107, 144



0, 89, 235

Rectangle

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



197, 62, 186



231, 36, 79



0, 107, 144



0, 78, 165

Sweetspot

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



197, 62, 186



255, 201, 251



71, 62, 197



128, 96, 125



0, 0, 0



128, 128, 128

Same Dimension

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



197, 62, 186



255, 46, 238



197, 62, 121



99, 90, 99



163, 0, 150



36, 0, 33

Inverse Universe

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



197, 62, 186



255, 46, 238



62, 148, 197



99, 90, 99



163, 0, 150



36, 0, 33

Previews

White Background



This preview shows how the RYB color 197, 62, 186 looks on a white background.

Color Contrast Check

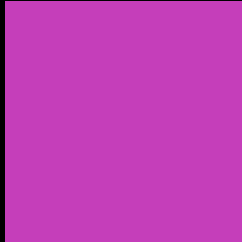
Large Text (above 18pt) WCAG AA ✓ Pass

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 197, 62, 186 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

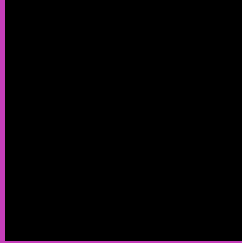
Any Text WCAG AA ✓ Pass

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 197, 62, 186 Background



This preview shows how black text looks on a background with the RYB color 197, 62, 186.

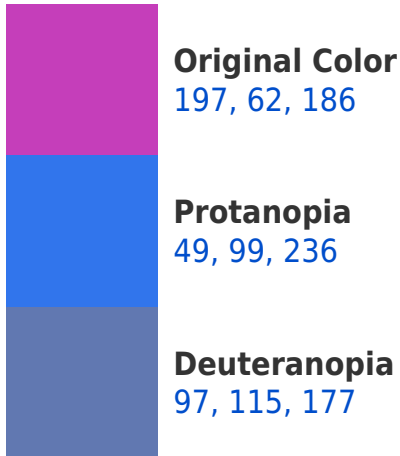


This preview shows how white text looks on a background with the RYB color 197, 62, 186.

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
187, 90, 96

Trichromacy



Original Color

197, 62, 186



Protanomaly

103, 97, 218



Deuteranomaly

133, 99, 180



Tritanomaly

191, 80, 129

Monochromacy



Original Color

197, 62, 186



Achromatopsia

117, 117, 117



Achromatomaly

146, 97, 142

CSS Examples

Text

The CSS property to change the color of the text to RYB 197, 62, 186 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(197, 62, 186)` looks like.

```
.text, #text, p{  
    color:rgb(197, 62, 186)  
}
```

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(197, 62, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 62, 186) }
```

Border

The CSS property to change the border of an element to RYB 197, 62, 186 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(197, 62, 186) }
```

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

```
.border{ border-color:rgb(197, 62, 186) }
```

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

Here you see how a box with a 4 pixel rgb(197, 62, 186) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 62, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 62, 186);  
box-shadow:4px 4px 4px 4px rgb(197, 62,  
186) }
```

Background

The CSS property to change the background color of an element to RYB 197, 62, 186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 62, 186) }
```

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

```
.background{ background-color: rgb(197, 62,  
186) }
```

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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