

Converting Colors

`RYB(196, 66, 103)`

Have a look what the booklet for
RYB(196, 66, 103) contains.

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Color

`RYB(196, 66, 103)`

Conversions

Conversions Part 1

Format	Color
Hex	C44267
RGB	196, 66, 103
RGB Percent	77%, 26%, 40%
CMY	0.2314, 0.7412, 0.5961
CMYK	0.00, 0.66, 0.47, 0.23
HSL	343°, 52%, 51%
HSV	343°, 66%, 77%
XYZ	27.1613, 16.6115, 14.6067
YIQ	109.0880, 65.6030, 39.0670

Conversions

Conversions Part 2

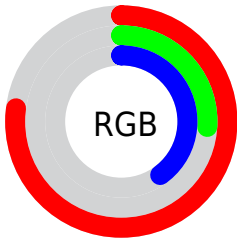
Format	Color
R_{YB}	196, 66, 103
Decimal	12862055
CIE _{Lab}	47.77, 54.48, 7.56
CIE _{LCh}	48, 55.003, 7.900
Yxy	16.6115, 0.4653, 0.2845
Android (android.graphics.Color)	4291052135 (0xFFC44267)
YUV	109.0880, -3.0014, 76.2218
Hunter-Lab	40.7572, 47.6307, 7.2814

Details

The RYB color **196, 66, 103** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted rose. A complement of this color would be **66, 142, 196**, and the grayscale version is **109, 109, 109**.

A 20% lighter version of the original color is **255, 121, 154**, and **137, 0, 56** is the 20% darker color. If you saturate the color by 10%, you get **196, 46, 89**, and if you desaturate by 10%, it is **196, 86, 117**.

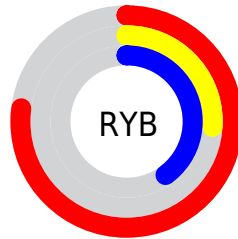
Distribution



Red (77%)

Green (26%)

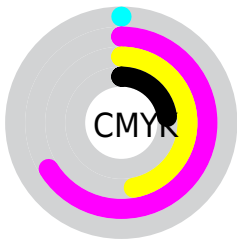
Blue (40%)



Red (77%)

Yellow (26%)

Blue (40%)

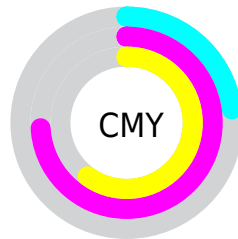


Cyan (0%)

Magenta (66%)

Yellow (47%)

Black (23%)



Cyan (23%)


Magenta (74%)


Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the RYB color 196, 66, 103 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 196, 66, 103 by changing the saturation by 10% instead.

 196, 66, 103

 196, 66, 103

255, 255, 255

 166, 36, 79

 255, 121, 154

 137, 0, 56

 255, 149, 181

 108, 0, 35

 255, 177, 208

 80, 0, 13

 255, 206, 236

 54, 0, 2

 255, 235, 255

 5, 0, 0

 0, 0, 0

 196, 66, 103

 196, 66, 103

 196, 46, 89

 196, 86, 117

■ 196, 27, 75

■ 196, 105, 131

■ 196, 7, 61

■ 196, 125, 145

■ 196, 0, 56

■ 196, 144, 159

■ 196, 164, 173

■ 196, 184, 187

■ 196, 200, 203

■ 196, 212, 223

■ 196, 223, 242

Harmonies

Analogous

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



178, 74, 149



196, 66, 103



189, 81, 59

Triad

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



196, 66, 103



32, 126, 83



0, 78, 199

Complementary

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



196, 66, 103



66, 142, 196

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, 75, 169



196, 66, 103



0, 85, 133

Square

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



196, 66, 103



11, 125, 0



0, 70, 135



0, 74, 206

Rectangle

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



196, 66, 103



173, 136, 32



0, 70, 135



0, 78, 192

Sweetspot

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



196, 66, 103



255, 204, 219



157, 66, 196



128, 97, 106



0, 0, 0



128, 128, 128

Same Dimension

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



196, 66, 103



255, 51, 109



196, 99, 66



97, 87, 90



161, 0, 46



33, 0, 9

Inverse Universe

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



196, 66, 103



255, 51, 109



66, 124, 196



97, 87, 90



161, 0, 46



33, 0, 9

Previews

White Background



This preview shows how the RYB color 196, 66, 103 looks on a white background.

Color Contrast Check

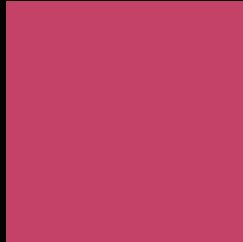
Large Text (above 18pt) WCAG AA ✓ Pass

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 196, 66, 103 looks on a black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 196, 66, 103 Background



This preview shows how black text looks on a background with the RYB color 196, 66, 103.

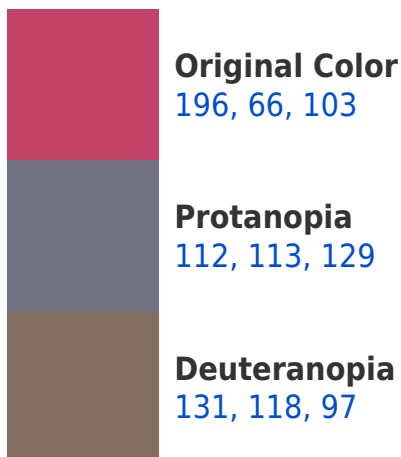


This preview shows how white text looks on a background with the RYB color 196, 66, 103.

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
194, 72, 76

Trichromacy



Original Color

196, 66, 103

Protanomaly

143, 96, 120

Deuteranomaly

155, 94, 99

Tritanomaly

195, 70, 86

Monochromacy



Original Color

196, 66, 103

Achromatopsia

109, 109, 109

Achromatomaly

141, 93, 107

CSS Examples

Text

The CSS property to change the color of the text to RYB 196, 66, 103 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(196, 66, 103)` looks like.

```
.text, #text, p{  
    color:rgb(196, 66, 103)  
}
```

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(196, 66, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 66, 103) }
```

Border

The CSS property to change the border of an element to RYB 196, 66, 103 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(196, 66, 103) }
```

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

```
.border{ border-color:rgb(196, 66, 103) }
```

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

Here you see how a box with a 4 pixel rgb(196, 66, 103) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 66, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 66, 103);  
box-shadow:4px 4px 4px 4px rgb(196, 66,  
103) }
```

Background

The CSS property to change the background color of an element to RGB 196, 66, 103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 66, 103) }
```

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

```
.background{ background-color: rgb(196, 66,  
103) }
```

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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