

Converting Colors

`RYB(206, 99, 120)`

Have a look what the booklet for
RYB(206, 99, 120) contains.

RYB(206, 99, 120)	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

`RYB(206, 99, 120)`

Conversions

Conversions Part 1

Format	Color
Hex	CE6378
RGB	206, 99, 120
RGB Percent	81%, 39%, 47%
CMY	0.1922, 0.6118, 0.5294
CMYK	0.00, 0.52, 0.42, 0.19
HSL	348°, 52%, 60%
HSV	348°, 52%, 81%
XYZ	33.3056, 23.4016, 20.5309
YIQ	133.3870, 57.0310, 29.2150

Conversions

Conversions Part 2

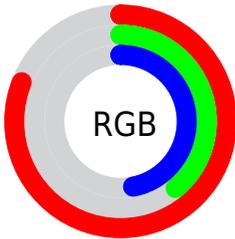
Format	Color
R _Y B	206, 99, 120
Decimal	13525880
CIE Lab	55.48, 44.38, 8.56
CIE LCh	55, 45.202, 10.917
Yxy	23.4016, 0.4312, 0.3030
Android (android.graphics.Color)	4291715960 (0xFFCE6378)
YUV	133.3870, -6.5998, 63.6816
Hunter-Lab	48.3752, 38.2382, 8.6994

Details

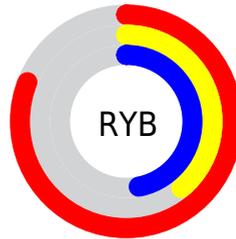
The RYB color **206, 99, 120** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **99, 158, 206**, and the grayscale version is **133, 133, 133**.

A 20% lighter version of the original color is **255, 153, 172**, and **148, 46, 72** is the 20% darker color. If you saturate the color by 10%, you get **206, 78, 103**, and if you desaturate by 10%, it is **206, 120, 137**.

Distribution



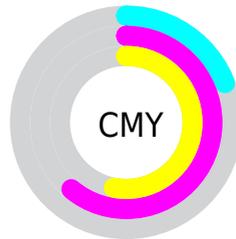
- Red (81%)
- Green (39%)
- Blue (47%)



- Red (81%)
- Yellow (39%)
- Blue (47%)



- Cyan (0%)
- Magenta (52%)
- Yellow (42%)
- Black (19%)



- Cyan (19%)
- Magenta (61%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the RYB color 206, 99, 120 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, 99, 120 by changing the saturation by 10% instead.

 206, 99, 120  206, 99, 120

255, 255, 255  177, 73, 95

 255, 153, 172  148, 46, 72

 255, 180, 199  120, 16, 49

 255, 209, 227  92, 0, 29

 255, 237, 255  66, 0, 2

 38, 0, 1

 0, 0, 0

 206, 99, 120  206, 99, 120

 206, 78, 103  206, 120, 137

 206, 58, 87

 206, 140, 153

 206, 37, 70

 206, 161, 170

 206, 17, 54

 206, 181, 186

 206, 0, 40

 206, 202, 203

 206, 216, 223

 206, 226, 243

 206, 231, 255

 206, 231, 255

Harmonies

Analogous

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



192, 103, 159



206, 99, 120



199, 113, 83

Triad

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



206, 99, 120



71, 145, 117



0, 85, 207

Complementary

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



206, 99, 120



99, 158, 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, 83, 183



206, 99, 120



32, 105, 151

Square

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



206, 99, 120



60, 142, 52



0, 78, 153



90, 121, 210

Rectangle

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



206, 99, 120



185, 158, 64



0, 78, 153



0, 85, 201

Sweetspot

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



206, 99, 120



255, 214, 222



185, 99, 206



128, 103, 108



0, 0, 0



128, 128, 128

Same Dimension

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



206, 99, 120



255, 97, 128



206, 145, 99



102, 92, 94



166, 0, 33



38, 0, 8

Inverse Universe

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



206, 99, 120



255, 97, 128



99, 143, 206



102, 92, 94



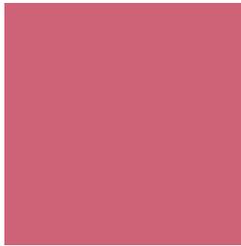
166, 0, 33



38, 0, 8

Previews

White Background



This preview shows how the RYB color 206, 99, 120 looks on a white background.

Color Contrast Check

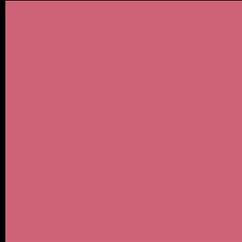
Large Text (above 18pt) WCAG AA ✓ Pass

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, 99, 120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

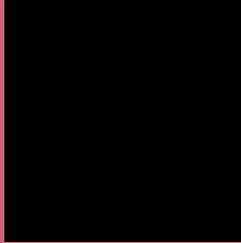
Any Text WCAG AA ✓ Pass

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](#).

R Y B 206, 99, 120 Background



This preview shows how black text looks on a background with the R Y B color 206, 99, 120.



This preview shows how white text looks on a background with the R Y B color 206, 99, 120.

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



Original Color
206, 99, 120

Protanopia
134, 133, 138

Deuteranopia
153, 135, 115



Tritanopia
205, 101, 108

Trichromacy



Original Color
206, 99, 120

Protanomaly
160, 121, 131

Deuteranomaly
172, 117, 117

Tritanomaly
205, 100, 112

Monochromacy



Original Color
206, 99, 120

Achromatopsia
133, 133, 133

Achromatomaly
160, 121, 128

CSS Examples

Text

The CSS property to change the color of the text to RYB 206, 99, 120 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, 99, 120)` looks like.

```
.text, #text, p{  
    color:rgb(206, 99, 120)  
}
```

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, 99, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 99, 120) }
```

Border

The CSS property to change the border of an element to RYB 206, 99, 120 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, 99, 120) }
```

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

```
.border{ border-color:rgb(206, 99, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 99, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 99, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 99, 120);  
box-shadow:4px 4px 4px 4px rgb(206, 99,  
120) }
```

Background

The CSS property to change the background color of an element to RGB 206, 99, 120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 99, 120) }
```

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

```
.background{ background-color: rgb(206, 99,  
120) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor