

Converting Colors

`RYB(190, 115, 126)`

Have a look what the booklet for
RYB(190, 115, 126) contains.

RYB(190, 115, 126)	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(190, 115, 126)

Conversions

Conversions Part 1

Format	Color
Hex	BE737E
RGB	190, 115, 126
RGB Percent	75%, 45%, 49%
CMY	0.2549, 0.5490, 0.5059
CMYK	0.00, 0.39, 0.34, 0.25
HSL	351°, 37%, 60%
HSV	351°, 39%, 75%
XYZ	31.1318, 24.7150, 22.8683
YIQ	138.6790, 41.1690, 19.3210

Conversions

Conversions Part 2

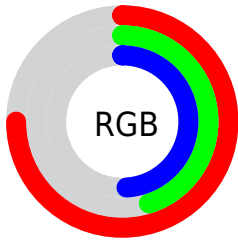
Format	Color
RYB	190, 115, 126
Decimal	12481406
CIELab	56.80, 30.88, 6.63
CIElCh	57, 31.586, 12.113
Yxy	24.7150, 0.3955, 0.3140
Android (android.graphics.Color)	4290671486 (0xFFBE737E)
YUV	138.6790, -6.2507, 45.0085
Hunter-Lab	49.7142, 24.7799, 7.5268

Details

The RYB color **190, 115, 126** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **115, 155, 190**, and the grayscale version is **139, 139, 139**.

A 20% lighter version of the original color is **248, 168, 179**, and **134, 65, 77** is the 20% darker color. If you saturate the color by 10%, you get **190, 96, 110**, and if you desaturate by 10%, it is **190, 134, 142**.

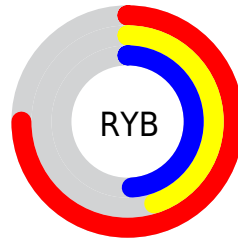
Distribution



Red (75%)

Green (45%)

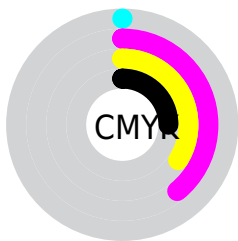
Blue (49%)



Red (75%)

Yellow (45%)

Blue (49%)

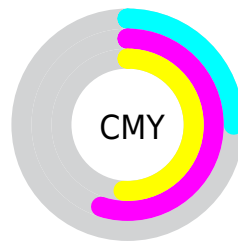


Cyan (0%)

Magenta (39%)

Yellow (34%)

Black (25%)



Cyan (25%)

Magenta (55%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the RYB color 190, 115, 126 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 190, 115, 126 by changing the saturation by 10% instead.

 190, 115, 126

255, 255, 255

 248, 168, 179

 255, 196, 206

 255, 224, 234


 255, 253, 255

 190, 115, 126

 162, 90, 101

 134, 65, 77


 107, 41, 55


 81, 17, 33


 56, 0, 10

 31, 0, 1

 0, 0, 0

 190, 115, 126

 190, 96, 110


 190, 115, 126

 190, 134, 142


 190, 77, 94

 190, 153, 158

 190, 58, 77

 190, 172, 175

 190, 39, 61

 190, 191, 191

 190, 20, 45

 190, 201, 210

 190, 1, 29

 190, 211, 229

 190, 0, 28

 190, 221, 248

 190, 223, 255

Harmonies

Analogous

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



180, 117, 154



190, 115, 126



185, 126, 101

Triad

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



190, 115, 126



95, 145, 127



68, 115, 188

Complementary

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



190, 115, 126



115, 155, 190

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.



24, 92, 172



190, 115, 126



79, 125, 150

Square

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



190, 115, 126



87, 143, 82



40, 97, 151



115, 131, 190

Rectangle

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



190, 115, 126



175, 155, 88



40, 97, 151



51, 106, 184

Sweetspot

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



190, 115, 126



247, 218, 222



179, 115, 190



125, 107, 110



252, 252, 252



125, 125, 125

Same Dimension

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



190, 115, 126



247, 131, 148



190, 155, 115



94, 85, 86



158, 0, 23



31, 0, 4

Inverse Universe

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



190, 115, 126



247, 131, 148



115, 145, 190



94, 85, 86



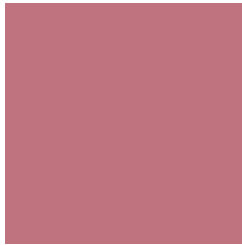
158, 0, 23



31, 0, 4

Previews

White Background



This preview shows how the RYB color 190, 115, 126 looks on a white background.

Color Contrast Check

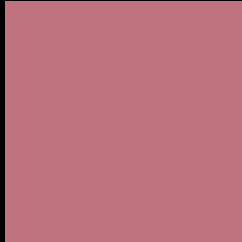
Large Text (above 18pt) WCAG AA ✓ Pass

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 190, 115, 126 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

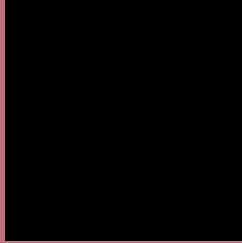
Any Text WCAG AA ✓ Pass

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 190, 115, 126 Background



This preview shows how black text looks on a background with the RYB color 190, 115, 126.



This preview shows how white text looks on a background with the RYB color 190, 115, 126.

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
190, 115, 126

Protanopia
139, 136, 138

Deuteranopia
155, 136, 123



Tritanopia
190, 115, 124

Trichromacy



Original Color
190, 115, 126

Protanomaly
158, 128, 134

Deuteranomaly
168, 126, 124

Tritanomaly
190, 115, 125

Monochromacy



Original Color
190, 115, 126

Achromatopsia
139, 139, 139

Achromatomaly
158, 130, 134

CSS Examples

Text

The CSS property to change the color of the text to RYB 190, 115, 126 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(190, 115, 126) looks like.

```
.text, #text, p{  
    color:rgb(190, 115, 126)  
}
```

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(190, 115, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 115, 126) }
```

Border

The CSS property to change the border of an element to RYB 190, 115, 126 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(190, 115, 126) }
```

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

```
.border{ border-color:rgb(190, 115, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 115, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 115, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 115, 126);  
box-shadow:4px 4px 4px 4px rgb(190, 115,  
126) }
```

Background

The CSS property to change the background color of an element to RYB 190, 115, 126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 115, 126) }
```

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

```
.background{ background-color: rgb(190,  
115, 126) }
```

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