

Converting Colors

`RYB(186, 90, 126)`

Have a look what the booklet for
RYB(186, 90, 126) contains.

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Color

`RYB(186, 90, 126)`

Conversions

Conversions Part 1

Format	Color
Hex	BA5A7E
RGB	186, 90, 126
RGB Percent	73%, 35%, 49%
CMY	0.2706, 0.6471, 0.5059
CMYK	0.00, 0.52, 0.32, 0.27
HSL	338°, 41%, 54%
HSV	338°, 52%, 73%
XYZ	27.6718, 19.2578, 21.9973
YIQ	122.8080, 45.6600, 31.5480

Conversions

Conversions Part 2

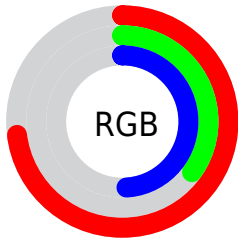
Format	Color
RYB	186, 90, 126
Decimal	12212862
CIELab	50.99, 42.65, -1.86
CIElCh	51, 42.689, 357.504
Yxy	19.2578, 0.4015, 0.2794
Android (android.graphics.Color)	4290402942 (0xFFBA5A7E)
YUV	122.8080, 1.5737, 55.4194
Hunter-Lab	43.8837, 35.7603, 0.9986

Details

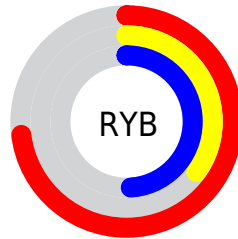
The RYB color **186, 90, 126** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **90, 149, 186**, and the grayscale version is **123, 123, 123**.

A 20% lighter version of the original color is **244, 143, 179**, and **130, 38, 77** is the 20% darker color. If you saturate the color by 10%, you get **186, 71, 114**, and if you desaturate by 10%, it is **186, 109, 138**.

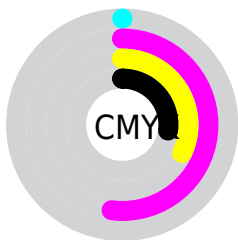
Distribution



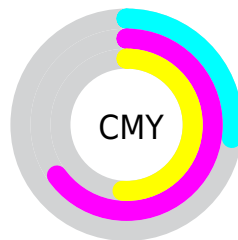
- Red (73%)
- Green (35%)
- Blue (49%)



- Red (73%)
- Yellow (35%)
- Blue (49%)



- Cyan (0%)
- Magenta (52%)
- Yellow (32%)
- Black (27%)




- Cyan (27%)
- Magenta (65%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the RYB color 186, 90, 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 186, 90, 126 by changing the saturation by 10% instead.

 186, 90, 126

 186, 90, 126

255, 255, 255

 158, 64, 101

 244, 143, 179

 130, 38, 77

 255, 170, 206

 103, 5, 55

 255, 198, 234

 76, 0, 33

 255, 227, 255


 53, 0, 10

 10, 0, 0

 0, 0, 0

 186, 90, 126

 186, 90, 126

 186, 71, 114

 186, 109, 138

 186, 53, 103

 186, 127, 149

 186, 34, 91


 186, 146, 161

 186, 16, 79

 186, 164, 173

 186, 0, 70

 186, 183, 184

 186, 196, 202

 186, 207, 220

 186, 219, 239

 186, 228, 255

Harmonies

Analogous

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



163, 99, 161



186, 90, 126



188, 93, 90

Triad

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



186, 90, 126



54, 129, 74



0, 78, 182

Complementary

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



186, 90, 126



90, 149, 186

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, 154



186, 90, 126



62, 121, 136

Square

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



186, 90, 126



82, 145, 45



0, 75, 139



36, 93, 194

Rectangle

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



186, 90, 126



179, 112, 69



0, 75, 139



0, 77, 174

Sweetspot

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



186, 90, 126



242, 206, 220



149, 90, 186



122, 100, 109



250, 250, 250



122, 122, 122

Same Dimension

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



186, 90, 126



242, 92, 148



186, 102, 90



92, 83, 86



156, 0, 58



28, 0, 11

Inverse Universe

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



186, 90, 126



242, 92, 148



90, 135, 186



92, 83, 86



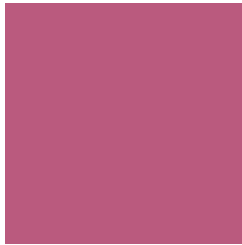
156, 0, 58



28, 0, 11

Previews

White Background



This preview shows how the RYB color 186, 90, 126 looks on a white background.

Color Contrast Check

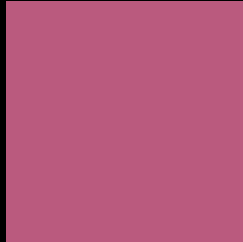
Large Text (above 18pt) WCAG AA ✓ Pass

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 186, 90, 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 186, 90, 126 Background



This preview shows how black text looks on a background with the RYB color 186, 90, 126.



This preview shows how white text looks on a background with the RYB color 186, 90, 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
186, 90, 126

Protanopia
117, 121, 145

Deuteranopia
134, 118, 121



Tritanopia
184, 95, 101

Trichromacy



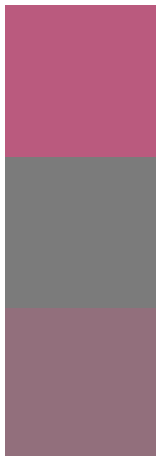
Original Color
186, 90, 126

Protanomaly
142, 110, 138

Deuteranomaly
153, 108, 123

Tritanomaly
185, 93, 110

Monochromacy



Original Color
186, 90, 126

Achromatopsia
123, 123, 123

Achromatomaly
146, 111, 124

CSS Examples

Text

The CSS property to change the color of the text to RYB 186, 90, 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(186, 90, 126)` looks like.

```
.text, #text, p{  
    color:rgb(186, 90, 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(186, 90, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 90, 126) }
```

Border

The CSS property to change the border of an element to RYB 186, 90, 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(186, 90, 126) }
```

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

```
.border{ border-color:rgb(186, 90, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 90, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 90, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 90, 126);  
box-shadow:4px 4px 4px 4px rgb(186, 90,  
126) }
```

Background

The CSS property to change the background color of an element to RGB 186, 90, 126 is called "background".

The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 90, 126) }
```

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

```
.background{ background-color: rgb(186, 90,  
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](#).

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