

Converting Colors

`RYB(183, 34, 126)`

Have a look what the booklet for
RYB(183, 34, 126) contains.

RYB(183, 34, 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

`RYB(183, 34, 126)`

Conversions

Conversions Part 1

Format	Color
Hex	B7227E
RGB	183, 34, 126
RGB Percent	72%, 13%, 49%
CMY	0.2824, 0.8667, 0.5059
CMYK	0.00, 0.81, 0.31, 0.28
HSL	323°, 69%, 43%
HSV	323°, 81%, 72%
XYZ	23.8664, 12.7177, 20.9355
YIQ	89.0390, 59.2720, 60.2000

Conversions

Conversions Part 2

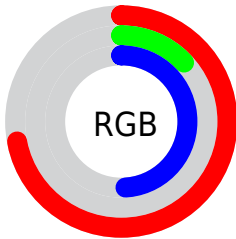
Format	Color
R_{YB}	183, 34, 126
Decimal	12001918
CIE _{Lab}	42.33, 64.00, -14.86
CIE _{LCh}	42, 65.701, 346.930
Yxy	12.7177, 0.4149, 0.2211
Android (android.graphics.Color)	4290191998 (0xFFB7227E)
YUV	89.0390, 18.2218, 82.4038
Hunter-Lab	35.6619, 57.0511, -9.8433

Details

The RYB color **183, 34, 126** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **34, 142, 183**, and the grayscale version is **89, 89, 89**.

A 20% lighter version of the original color is **243, 97, 179**, and **125, 0, 77** is the 20% darker color. If you saturate the color by 10%, you get **183, 16, 119**, and if you desaturate by 10%, it is **183, 52, 133**.

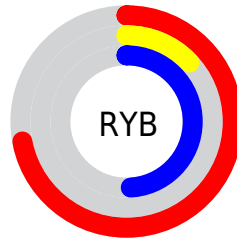
Distribution



Red (72%)

Green (13%)

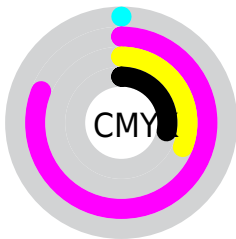
Blue (49%)



Red (72%)

Yellow (13%)

Blue (49%)

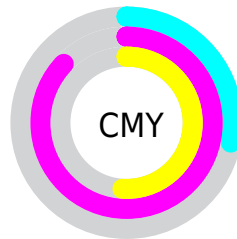


Cyan (0%)

Magenta (81%)

Yellow (31%)

Black (28%)



Cyan (28%)


Magenta (87%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the RYB color 183, 34, 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 183, 34, 126 by changing the saturation by 10% instead.

 183, 34, 126

 183, 34, 126

255, 255, 255

 154, 0, 101

 243, 97, 179

 125, 0, 77

 255, 125, 206

 97, 0, 54

 255, 154, 235

 70, 0, 33


 255, 183, 255

 43, 0, 5


 255, 212, 255

 0, 0, 0

 255, 241, 255

 183, 34, 126

 183, 34, 126

 183, 16, 119

 183, 52, 133

■ 183, 0, 113

■ 183, 71, 140

■ 183, 89, 147

■ 183, 107, 154

■ 183, 126, 161

■ 183, 144, 168

■ 183, 162, 175

■ 183, 180, 182

■ 183, 195, 199

Harmonies

Analogous

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



139, 68, 175



183, 34, 126



193, 30, 72

Triad

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



183, 34, 126



0, 107, 14



0, 72, 179

Complementary

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



183, 34, 126



34, 142, 183

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, 63, 130



183, 34, 126



1, 110, 117

Square

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



183, 34, 126



82, 141, 0



0, 76, 122



0, 73, 207

Rectangle

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



183, 34, 126



184, 52, 37



0, 76, 122



0, 70, 164

Sweetspot

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



183, 34, 126



237, 180, 215



89, 34, 183



120, 85, 107



247, 247, 247



120, 120, 120

Same Dimension

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



183, 34, 126



237, 5, 148



183, 34, 54



92, 83, 88



156, 0, 96



28, 0, 17

Inverse Universe

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



183, 34, 126



237, 5, 148



34, 114, 183



92, 83, 88



156, 0, 96



28, 0, 17

Previews

White Background



This preview shows how the RYB color 183, 34, 126 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 183, 34, 126 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](#).

RGB 183, 34, 126 Background



This preview shows how black text looks on a background with the RGB color 183, 34, 126.

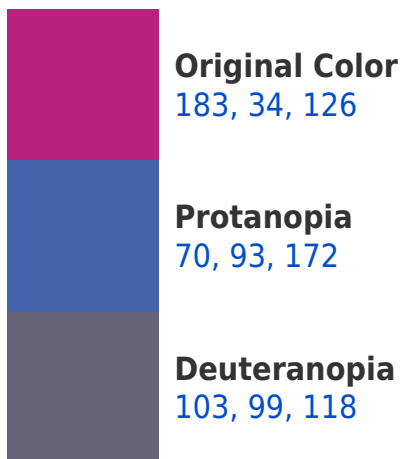


This preview shows how white text looks on a background with the RGB color 183, 34, 126.

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





Tritanopia

178, 57, 60

Trichromacy



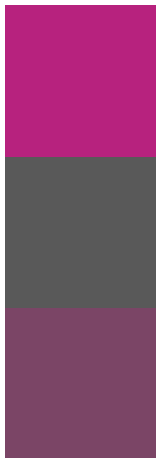
Original Color
183, 34, 126

Protanomaly
111, 75, 155

Deuteranomaly
132, 75, 121

Tritanomaly
180, 49, 84

Monochromacy



Original Color
183, 34, 126

Achromatopsia
89, 89, 89

Achromatomaly
123, 69, 102

CSS Examples

Text

The CSS property to change the color of the text to RYB 183, 34, 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(183, 34, 126)` looks like.

```
.text, #text, p{  
    color:rgb(183, 34, 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(183, 34, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 34, 126) }
```

Border

The CSS property to change the border of an element to RYB 183, 34, 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(183, 34, 126) }
```

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

```
.border{ border-color:rgb(183, 34, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 34, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 34, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 34, 126);  
box-shadow:4px 4px 4px 4px rgb(183, 34,  
126) }
```

Background

The CSS property to change the background color of an element to RGB 183, 34, 126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 34, 126) }
```

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

```
.background{ background-color: rgb(183, 34,  
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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