

Converting Colors

`RYB(96, 153, 186)`

Have a look what the booklet for
RYB(96, 153, 186) contains.

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Color

RYB(96, 153, 186)

Conversions

Conversions Part 1

Format	Color
Hex	60BA94
RGB	96, 186, 148
RGB Percent	38%, 73%, 58%
CMY	0.6235, 0.2706, 0.4192
CMYK	0.48, 0.00, 0.20, 0.27
HSL	155°, 39%, 55%
HSV	155°, 48%, 73%
XYZ	27.7364, 39.7461, 34.2706
YIQ	154.7580, -41.4420, -30.8980

Conversions

Conversions Part 2

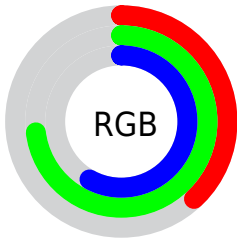
Format	Color
RYB	96, 153, 186
Decimal	6339220
CIELab	69.29, -35.98, 11.00
CIElCh	69, 37.622, 162.994
Yxy	39.7461, 0.2726, 0.3906
Android (android.graphics.Color)	4284529300 (0xFF60BA94)
YUV	154.7580, -3.3317, -51.5308
Hunter-Lab	63.0445, -31.7968, 11.9015

Details

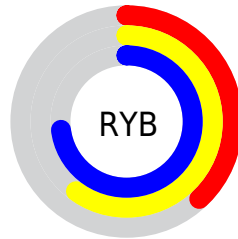
The RYB color **96, 153, 186** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **186, 96, 134**, and the grayscale version is **155, 155, 155**.

A 20% lighter version of the original color is **152, 211, 243**, and **38, 96, 132** is the 20% darker color. If you saturate the color by 10%, you get **77, 146, 186**, and if you desaturate by 10%, it is **115, 160, 186**.

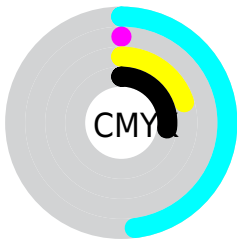
Distribution



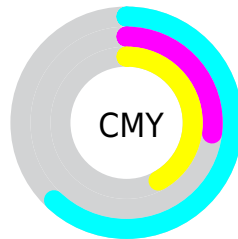
- Red (38%)
- Green (73%)
- Blue (58%)



- Red (38%)
- Yellow (60%)
- Blue (73%)



- Cyan (48%)
- Magenta (0%)
- Yellow (20%)
- Black (27%)




- Cyan (62%)
- Magenta (27%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the RYB color 96, 153, 186 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 96, 153, 186 by changing the saturation by 10% instead.

 96, 153, 186


255, 255, 255


 152, 211, 243

 180, 225, 255

 209, 232, 255

 238, 247, 255

 96, 153, 186


 68, 125, 159

 38, 96, 132


 0, 62, 106


 0, 51, 82


 0, 38, 58


 0, 33, 37

 0, 0, 0

 96, 153, 186

 77, 146, 186

 96, 153, 186

 115, 160, 186

■ 59, 140, 186

■ 133, 166, 186

■ 40, 132, 186

■ 152, 173, 186

■ 22, 126, 186

■ 170, 180, 186

■ 3, 119, 186

■ 189, 186, 187

■ 0, 118, 186

■ 208, 186, 195

■ 226, 186, 203

■ 245, 186, 211

■ 255, 186, 219

Harmonies

Analogous

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



118, 181, 160



96, 153, 186



46, 118, 187

Triad

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



96, 153, 186



144, 162, 235



230, 157, 124

Complementary

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



96, 153, 186



186, 96, 134

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.



236, 143, 155



96, 153, 186



192, 155, 219

Square

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



96, 153, 186



85, 142, 234



223, 145, 190



193, 208, 104

Rectangle

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



96, 153, 186



16, 105, 205



223, 145, 190



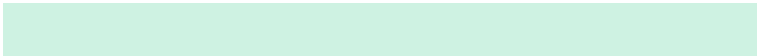
233, 148, 134

Sweetspot

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



96, 153, 186



206, 229, 242



96, 186, 147



100, 114, 122



250, 250, 250



122, 122, 122

Same Dimension

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



96, 153, 186



102, 191, 242



96, 139, 186



83, 89, 92



0, 99, 156



0, 18, 28

Inverse Universe

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



186, 96, 134



242, 102, 161



186, 102, 96



92, 83, 86



156, 0, 65



28, 0, 12

Previews

White Background



This preview shows how the RYB color 96, 153, 186 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 96, 153, 186 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 ✓ Pass

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

RYB 96, 153, 186 Background



This preview shows how black text looks on a background with the RYB color 96, 153, 186.

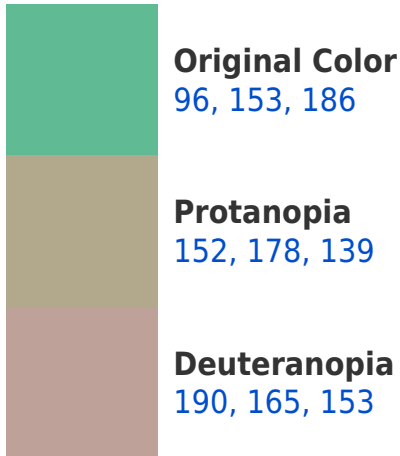


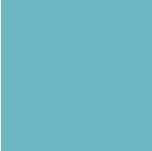
This preview shows how white text looks on a background with the RYB color 96, 153, 186.

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





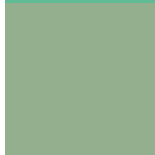
Tritanopia
109, 148, 194

Trichromacy



Original Color

96, 153, 186



Protanomaly

142, 175, 169



Deuteranomaly

151, 171, 166



Tritanomaly

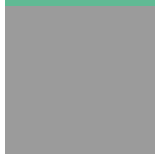
104, 144, 182

Monochromacy



Original Color

96, 153, 186



Achromatopsia

155, 155, 155



Achromatomaly

134, 154, 166

CSS Examples

Text

The CSS property to change the color of the text to RYB 96, 153, 186 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(96, 186, 148)` looks like.

```
.text, #text, p{  
    color:rgb(96, 186, 148)  
}
```

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(96, 186, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 186, 148) }
```

Border

The CSS property to change the border of an element to RYB 96, 153, 186 is called "border". The border property can be set on classes, ids or directly on the HTML element.

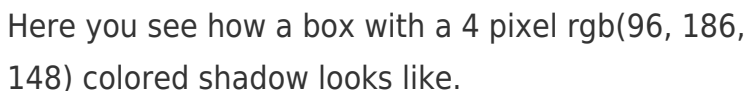
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(96, 186, 148) }
```

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

```
.border{ border-color:rgb(96, 186, 148) }
```

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



Here you see how a box with a 4 pixel `rgb(96, 186, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 186, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 186, 148);  
box-shadow:4px 4px 4px 4px rgb(96, 186,  
148) }
```

Background

The CSS property to change the background color of an element to RYB 96, 153, 186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 186, 148) }
```

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

```
.background{ background-color: rgb(96, 186,  
148) }
```

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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