

Converting Colors

`RYB(96, 137, 191)`

Have a look what the booklet for
RYB(96, 137, 191) contains.

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Color

RYB(96, 137, 191)

Conversions

Conversions Part 1

Format	Color
Hex	60A8BF
RGB	96, 168, 191
RGB Percent	38%, 66%, 75%
CMY	0.6235, 0.3407, 0.2510
CMYK	0.50, 0.12, 0.00, 0.25
HSL	194°, 43%, 56%
HSV	194°, 50%, 75%
XYZ	28.2544, 34.3015, 54.4219
YIQ	149.0940, -50.2950, -8.1110

Conversions

Conversions Part 2

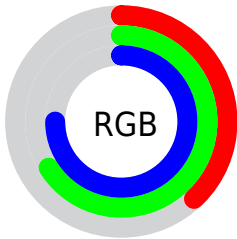
Format	Color
R _Y B	96, 137, 191
Decimal	6334655
CIE Lab	65.20, -16.31, -18.72
CIE LCh	65, 24.826, 228.938
Yxy	34.3015, 0.2415, 0.2932
Android (android.graphics.Color)	4284524735 (0xFF60A8BF)
YUV	149.0940, 20.6597, -46.5634
Hunter-Lab	58.5675, -16.3803, -14.0960

Details

The RYB color **96, 137, 191** is a light color, and the websafe version is hex **669999**. A complement of this color would be **191, 126, 96**, and the grayscale version is **149, 149, 149**.

A 20% lighter version of the original color is **152, 193, 247**, and **36, 81, 138** is the 20% darker color. If you saturate the color by 10%, you get **77, 126, 191**, and if you desaturate by 10%, it is **115, 148, 191**.

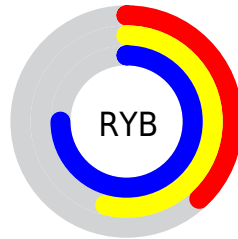
Distribution



Red (38%)

Green (66%)

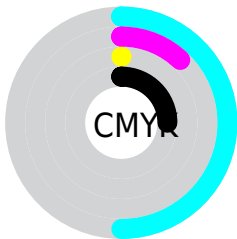
Blue (75%)



Red (38%)

Yellow (54%)

Blue (75%)

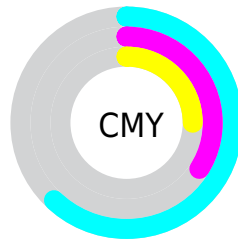


Cyan (50%)

Magenta (12%)

Yellow (0%)

Black (25%)



Cyan (62%)


Magenta (34%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the RYB color 96, 137, 191 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, 137, 191 by changing the saturation by 10% instead.

 96, 137, 191


255, 255, 255


 152, 193, 247

 180, 217, 255

 209, 232, 255


 239, 247, 255

 96, 137, 191


 68, 110, 164

 36, 81, 138

 0, 50, 112


 0, 38, 88


 0, 26, 64

 0, 16, 42

 0, 1, 21

 0, 0, 0

 96, 137, 191

 96, 137, 191

■ 77, 126, 191

■ 115, 148, 191

■ 58, 115, 191

■ 134, 159, 191

■ 39, 104, 191

■ 153, 169, 191

■ 20, 94, 191

■ 172, 180, 191

■ 1, 83, 191

■ 191, 191, 191

■ 0, 82, 191

■ 211, 198, 191

■ 230, 203, 191

■ 249, 209, 191

■ 255, 218, 191

Harmonies

Analogous

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



93, 132, 172



96, 137, 191



119, 148, 201

Triad

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



96, 137, 191



197, 143, 167



116, 161, 117

Complementary

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



96, 137, 191



191, 126, 96

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.



163, 182, 115



96, 137, 191



204, 142, 145

Square

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



96, 137, 191



179, 148, 188



198, 156, 126



129, 167, 162

Rectangle

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



96, 137, 191



140, 154, 202



198, 156, 126



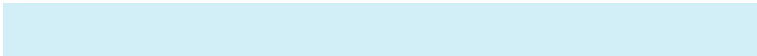
125, 168, 114

Sweetspot

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



96, 137, 191



210, 226, 247



96, 173, 191



102, 112, 125



252, 252, 252



125, 125, 125

Same Dimension

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



96, 137, 191



99, 163, 247



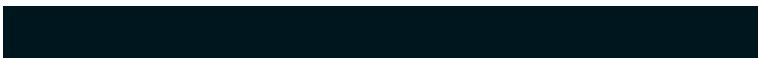
96, 116, 191



85, 89, 94



0, 68, 158



0, 13, 31

Inverse Universe

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



191, 96, 168



247, 99, 212



130, 191, 96



94, 85, 92



158, 0, 120



31, 0, 23

Previews

White Background



This preview shows how the RYB color 96, 137, 191 looks on a white background.

Color Contrast Check

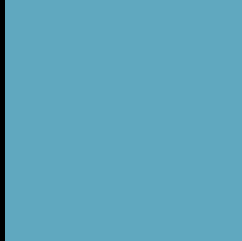
Large Text (above 18pt) WCAG AA × Fail

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, 137, 191 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

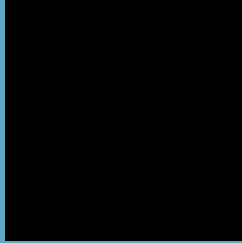
Any Text WCAG AA ✓ Pass

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](#).

R Y B 96, 137, 191 Background



This preview shows how black text looks on a background with the RYB color 96, 137, 191.

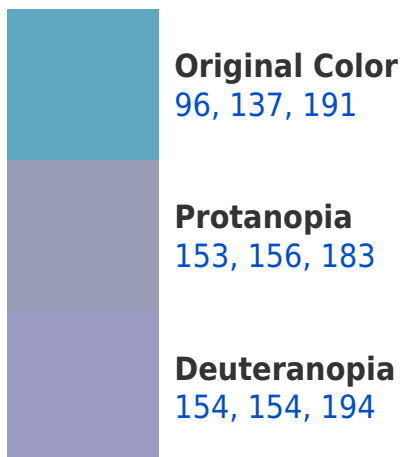



This preview shows how white text looks on a background with the RYB color 96, 137, 191.

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
93, 134, 183

Trichromacy



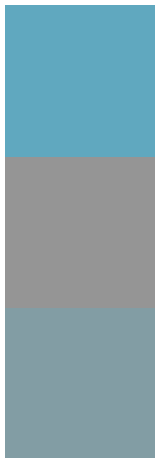
Original Color
96, 137, 191

Protanomaly
132, 150, 186

Deuteranomaly
133, 151, 193

Tritanomaly
94, 135, 186

Monochromacy



Original Color
96, 137, 191

Achromatopsia
149, 149, 149

Achromatomaly
130, 145, 164

CSS Examples

Text

The CSS property to change the color of the text to RYB 96, 137, 191 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, 168, 191)` looks like.

```
.text, #text, p{  
    color:rgb(96, 168, 191)  
}
```

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, 168, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 168, 191) }
```

Border

The CSS property to change the border of an element to RYB 96, 137, 191 is called "border". The border property can be set on classes, ids or directly on the HTML element.

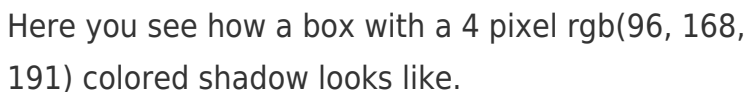
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(96, 168, 191) }
```

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

```
.border{ border-color:rgb(96, 168, 191) }
```

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



Here you see how a box with a 4 pixel `rgb(96, 168, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 168, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 168, 191);  
box-shadow:4px 4px 4px 4px rgb(96, 168,  
191) }
```

Background

The CSS property to change the background color of an element to RGB 96, 137, 191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 168, 191) }
```

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

```
.background{ background-color: rgb(96, 168,  
191) }
```

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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