

Converting Colors

`RYB(93, 132, 185)`

Have a look what the booklet for
RYB(93, 132, 185) contains.

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Color

RYB(93, 132, 185)

Conversions

Conversions Part 1

Format	Color
Hex	5DA1B9
RGB	93, 161, 185
RGB Percent	36%, 63%, 73%
CMY	0.6353, 0.3698, 0.2745
CMYK	0.50, 0.13, 0.00, 0.27
HSL	196°, 40%, 55%
HSV	196°, 50%, 73%
XYZ	25.9633, 31.2143, 50.5555
YIQ	143.4040, -48.2320, -6.9520

Conversions

Conversions Part 2

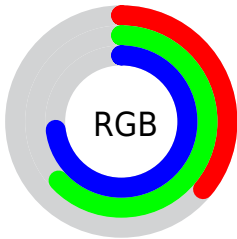
Format	Color
RYB	93, 132, 185
Decimal	6136249
CIELab	62.69, -14.75, -19.20
CIElCh	63, 24.212, 232.467
Yxy	31.2143, 0.2410, 0.2897
Android (android.graphics.Color)	4284326329 (0xFF5DA1B9)
YUV	143.4040, 20.5068, -44.2043
Hunter-Lab	55.8697, -14.8210, -14.5416

Details

The RYB color **93, 132, 185** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **185, 125, 93**, and the grayscale version is **143, 143, 143**.

A 20% lighter version of the original color is **149, 188, 241**, and **33, 76, 132** is the 20% darker color. If you saturate the color by 10%, you get **74, 121, 185**, and if you desaturate by 10%, it is **111, 143, 185**.

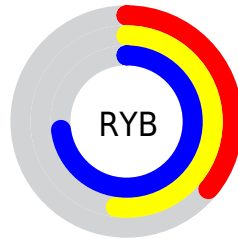
Distribution



Red (36%)

Green (63%)

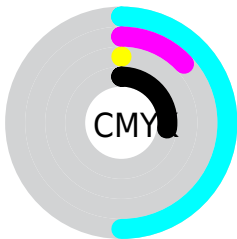
Blue (73%)



Red (36%)

Yellow (52%)

Blue (73%)

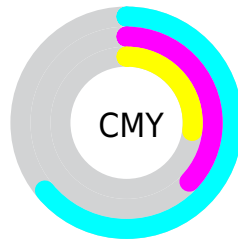


Cyan (50%)

Magenta (13%)

Yellow (0%)

Black (27%)



Cyan (64%)


Magenta (37%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RYB color 93, 132, 185 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 93, 132, 185 by changing the saturation by 10% instead.

 93, 132, 185


255, 255, 255


 149, 188, 241

 177, 213, 255

 206, 231, 255

 235, 245, 255

 93, 132, 185

 65, 105, 158


 34, 76, 132

 0, 47, 107


 0, 35, 82


 0, 23, 59

 0, 13, 38

 0, 1, 15

 0, 0, 0

 93, 132, 185

 93, 132, 185

■ 74, 121, 185

■ 111, 143, 185

■ 56, 111, 185

■ 130, 153, 185

■ 37, 100, 185

■ 149, 164, 185

■ 19, 89, 185

■ 167, 175, 185

■ 0, 78, 185

■ 186, 185, 185

■ 204, 192, 185

■ 222, 199, 185

■ 241, 205, 185

■ 255, 213, 185

Harmonies

Analogous

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



88, 126, 167



93, 132, 185



117, 142, 194

Triad

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



93, 132, 185



191, 136, 158



112, 155, 117

Complementary

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



93, 132, 185



185, 125, 93

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.



148, 172, 109



93, 132, 185



195, 137, 136

Square

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



93, 132, 185



174, 141, 178



188, 152, 118



125, 161, 160

Rectangle

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



93, 132, 185



138, 149, 193



188, 152, 118



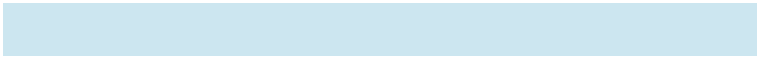
115, 158, 109

Sweetspot

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



93, 132, 185



204, 219, 240



93, 167, 185



98, 107, 120



247, 247, 247



120, 120, 120

Same Dimension

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



93, 132, 185



96, 157, 240



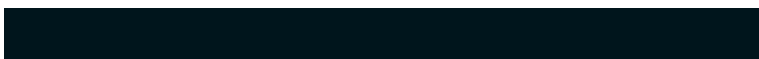
93, 111, 185



83, 87, 92



0, 66, 156



0, 12, 28

Inverse Universe

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



185, 93, 161



240, 96, 202



124, 185, 93



92, 83, 89



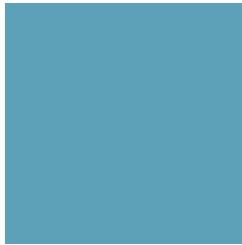
156, 0, 114



28, 0, 21

Previews

White Background



This preview shows how the RYB color 93, 132, 185 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 93, 132, 185 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

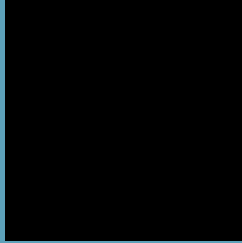
Any Text WCAG AA ✓ Pass

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 93, 132, 185 Background



This preview shows how black text looks on a background with the RYB color 93, 132, 185.



This preview shows how white text looks on a background with the RYB color 93, 132, 185.

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
90, 129, 175

Trichromacy



Original Color
93, 132, 185

Protanomaly
126, 144, 180

Deuteranomaly
127, 145, 187

Tritanomaly
91, 130, 179

Monochromacy



Original Color
93, 132, 185

Achromatopsia
143, 143, 143

Achromatomaly
125, 139, 158

CSS Examples

Text

The CSS property to change the color of the text to RYB 93, 132, 185 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(93, 161, 185)` looks like.

```
.text, #text, p{  
    color:rgb(93, 161, 185)  
}
```

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(93, 161, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 161, 185) }
```

Border

The CSS property to change the border of an element to RYB 93, 132, 185 is called "border". The border property can be set on classes, ids or directly on the HTML element.

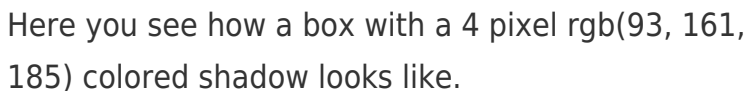
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(93, 161, 185) }
```

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

```
.border{ border-color:rgb(93, 161, 185) }
```

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



Here you see how a box with a 4 pixel `rgb(93, 161, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(93, 161, 185); -webkit-box-shadow:4px 4px 4px 4px rgb(93, 161, 185); box-shadow:4px 4px 4px 4px rgb(93, 161, 185) }
```

Background

The CSS property to change the background color of an element to RGB 93, 132, 185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 161, 185) }
```

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

```
.background{ background-color: rgb(93, 161,  
185) }
```

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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