

Converting Colors

`RYB(93, 145, 203)`

Have a look what the booklet for
RYB(93, 145, 203) contains.

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Color

$\text{RYB}(93, 145, 203)$

Conversions

Conversions Part 1

Format	Color
Hex	5DC0CB
RGB	93, 192, 203
RGB Percent	36%, 75%, 80%
CMY	0.6353, 0.2485, 0.2039
CMYK	0.54, 0.06, 0.00, 0.20
HSL	186°, 51%, 58%
HSV	186°, 54%, 80%
XYZ	34.0601, 44.1719, 63.2308
YIQ	163.6530, -62.5350, -17.5670

Conversions

Conversions Part 2

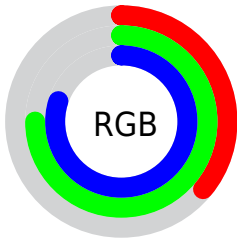
Format	Color
RYB	93, 145, 203
Decimal	6144203
CIELab	72.34, -25.64, -14.54
CIELCh	72, 29.482, 209.560
Yxy	44.1719, 0.2408, 0.3123
Android (android.graphics.Color)	4284334283 (0xFF5DC0CB)
YUV	163.6530, 19.3981, -61.9627
Hunter-Lab	66.4619, -24.8314, -9.8842

Details

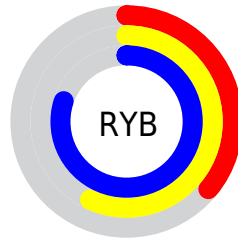
The RYB color **93, 145, 203** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **203, 105, 93**, and the grayscale version is **163, 163, 163**.

A 20% lighter version of the original color is **152, 202, 255**, and **21, 82, 149** is the 20% darker color. If you saturate the color by 10%, you get **73, 135, 203**, and if you desaturate by 10%, it is **113, 156, 203**.

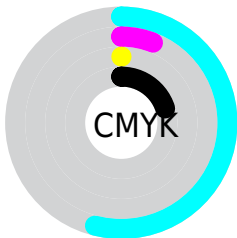
Distribution



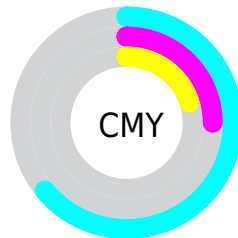
- Red (36%)
- Green (75%)
- Blue (80%)



- Red (36%)
- Yellow (57%)
- Blue (80%)



- Cyan (54%)
- Magenta (6%)
- Yellow (0%)
- Black (20%)



















- Cyan (64%)
- Magenta (25%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RYB color 93, 145, 203 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, 145, 203 by changing the saturation by 10% instead.

 93, 145, 203	 93, 145, 203
 255, 255, 255	 62, 116, 176
 152, 202, 255	 21, 82, 149
 181, 218, 255	 0, 59, 123
 210, 233, 255	 0, 46, 98
 240, 248, 255	 0, 34, 74
	 0, 23, 52
	 0, 11, 31
	 0, 0, 3
	 0, 0, 0

■ 93, 145, 203

■ 93, 145, 203

■ 73, 135, 203

■ 113, 156, 203

■ 52, 123, 203

■ 134, 167, 203

■ 32, 113, 203

■ 154, 177, 203

■ 12, 102, 203

■ 174, 188, 203

■ 0, 96, 203

■ 195, 199, 203

■ 215, 204, 203

■ 235, 206, 203

■ 255, 209, 203

■ 255, 212, 203

Harmonies

Analogous

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



108, 154, 192



93, 145, 203



107, 154, 223

Triad

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



93, 145, 203



212, 162, 205



153, 197, 124

Complementary

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



93, 145, 203



203, 105, 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.



219, 188, 132



93, 145, 203



229, 158, 179

Square

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



93, 145, 203



181, 171, 224



231, 160, 152



130, 184, 146

Rectangle

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



93, 145, 203



129, 164, 230



231, 160, 152



181, 205, 125

Sweetspot

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



93, 145, 203



214, 233, 255



93, 193, 203



103, 115, 128



0, 0, 0



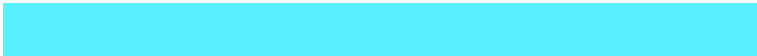
128, 128, 128

Same Dimension

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



93, 145, 203



89, 168, 255



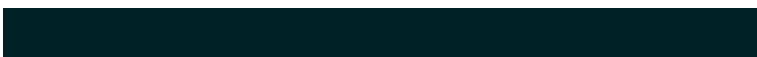
93, 124, 203



92, 97, 102



0, 79, 166



0, 18, 38

Inverse Universe

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



203, 93, 192



255, 89, 238



166, 203, 93



102, 92, 101



166, 0, 149



38, 0, 34

Previews

White Background



This preview shows how the RYB color 93, 145, 203 looks on a white background.

Color Contrast Check

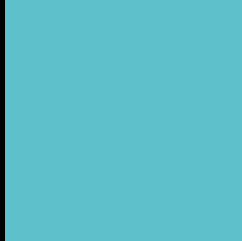
Large Text (above 18pt) WCAG AA × Fail

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, 145, 203 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

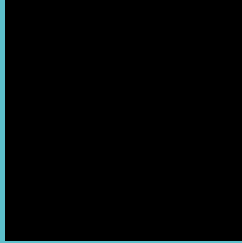
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

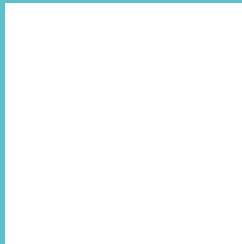
Any Text WCAG AAA ✓ Pass

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

RYB 93, 145, 203 Background



This preview shows how black text looks on a background with the RYB color 93, 145, 203.

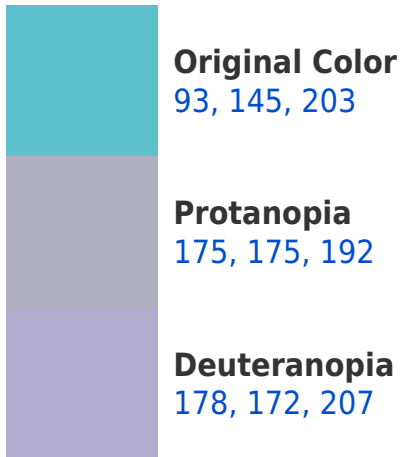


This preview shows how white text looks on a background with the RYB color 93, 145, 203.

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
94, 146, 207

Trichromacy



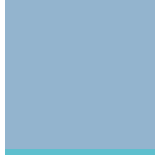
Original Color

93, 145, 203



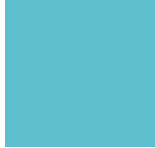
Protanomaly

145, 166, 196



Deuteranomaly

147, 168, 206



Tritanomaly

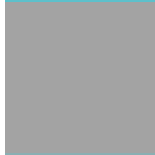
94, 146, 206

Monochromacy



Original Color

93, 145, 203



Achromatopsia

163, 163, 163



Achromatomaly

138, 157, 178

CSS Examples

Text

The CSS property to change the color of the text to RYB 93, 145, 203 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, 192, 203)` looks like.

```
.text, #text, p{  
    color:rgb(93, 192, 203)  
}
```

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, 192, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 192, 203) }
```

Border

The CSS property to change the border of an element to RYB 93, 145, 203 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, 192, 203) }
```

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

```
.border{ border-color:rgb(93, 192, 203) }
```

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

Here you see how a box with a 4 pixel rgb(93, 192, 203) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 192, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 192, 203);  
box-shadow:4px 4px 4px 4px rgb(93, 192,  
203) }
```

Background

The CSS property to change the background color of an element to RGB 93, 192, 203 is called "background".

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

```
.background, #background, body{  
background: rgb(93, 192, 203) }
```

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

```
.background{ background-color: rgb(93, 192,  
203) }
```

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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