

Converting Colors

`RYB(96, 169, 225)`

Have a look what the booklet for RYB(96, 169, 225) contains.

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Color

`RYB(96, 169, 225)`

Conversions

Conversions Part 1

Format	Color
Hex	60E1C3
RGB	96, 225, 195
RGB Percent	38%, 88%, 76%
CMY	0.6235, 0.1176, 0.2355
CMYK	0.57, 0.00, 0.13, 0.12
HSL	166°, 68%, 63%
HSV	166°, 57%, 88%
XYZ	41.5948, 60.2755, 61.0475
YIQ	183.0090, -67.2540, -36.6780

Conversions

Conversions Part 2

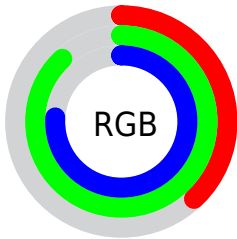
Format	Color
RYB	96, 169, 225
Decimal	6349251
CIELab	81.99, -42.75, 4.03
CIElCh	82, 42.941, 174.619
Yxy	60.2755, 0.2553, 0.3700
Android (android.graphics.Color)	4284539331 (0xFF60E1C3)
YUV	183.0090, 5.9116, -76.3069
Hunter-Lab	77.6373, -40.2326, 7.7254

Details

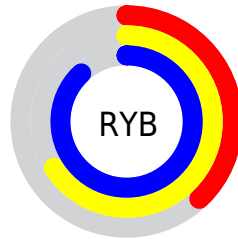
The RYB color **96, 169, 225** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **225, 96, 126**, and the grayscale version is **183, 183, 183**.

A 20% lighter version of the original color is **157, 207, 255**, and **15, 100, 169** is the 20% darker color. If you saturate the color by 10%, you get **73, 159, 225**, and if you desaturate by 10%, it is **118, 179, 225**.

Distribution



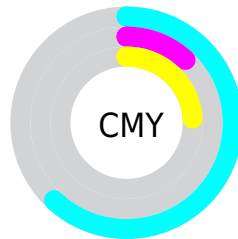
- Red (38%)
- Green (88%)
- Blue (76%)



- Red (38%)
- Yellow (66%)
- Blue (88%)



- Cyan (57%)
- Magenta (0%)
- Yellow (13%)
- Black (12%)



















- Cyan (62%)
- Magenta (12%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RYB color 96, 169, 225 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, 169, 225 by changing the saturation by 10% instead.

 96, 169, 225	 96, 169, 225
 255, 255, 255	 63, 138, 197
 157, 207, 255	 15, 100, 169
 186, 221, 255	 0, 78, 142
 216, 236, 255	 0, 65, 116
 247, 251, 255	 0, 51, 90
	 0, 39, 66
	 0, 28, 44
	 0, 13, 13
	 0, 0, 0

■ 96, 169, 225

■ 96, 169, 225

■ 73, 159, 225

■ 118, 179, 225

■ 51, 150, 225

■ 141, 189, 225

■ 28, 140, 225

■ 163, 198, 225

■ 6, 130, 225

■ 186, 208, 225

■ 0, 127, 225

■ 209, 218, 225

■ 231, 225, 226

■ 254, 225, 232

■ 255, 225, 237

■ 255, 225, 242

Harmonies

Analogous

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



149, 214, 220



96, 169, 225



37, 134, 236

Triad

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



96, 169, 225



198, 196, 255



255, 214, 140

Complementary

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



96, 169, 225



225, 96, 126

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.



255, 175, 172



96, 169, 225



248, 182, 251

Square

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



96, 169, 225



133, 180, 255



255, 173, 213



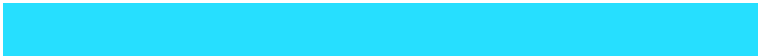
180, 237, 123

Rectangle

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



96, 169, 225



38, 138, 255



255, 173, 213



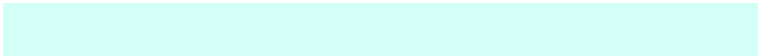
255, 195, 149

Sweetspot

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



96, 169, 225



212, 236, 255



96, 225, 195



102, 117, 128



0, 0, 0



128, 128, 128

Same Dimension

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



96, 169, 225



79, 179, 255



96, 151, 225



101, 107, 112



0, 100, 176



0, 27, 48

Inverse Universe

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



225, 96, 126



255, 79, 120



225, 142, 96



112, 101, 104



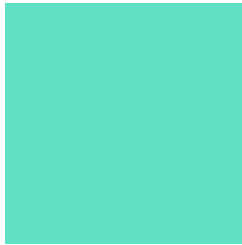
176, 0, 41



48, 0, 11

Previews

White Background



This preview shows how the RYB color 96, 169, 225 looks on a white background.

Color Contrast Check

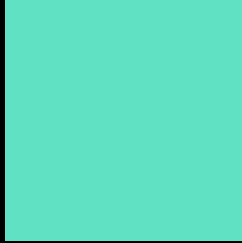
Large Text (above 18pt) WCAG AA × Fail

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, 169, 225 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

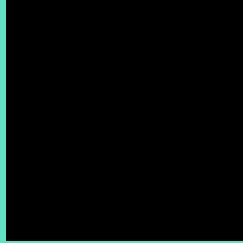
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

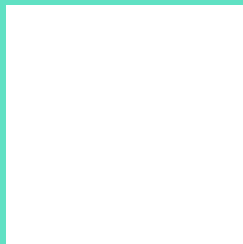
Any Text WCAG AAA ✓ Pass

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

R Y B 96, 169, 225 Background



This preview shows how black text looks on a background with the RYB color 96, 169, 225.

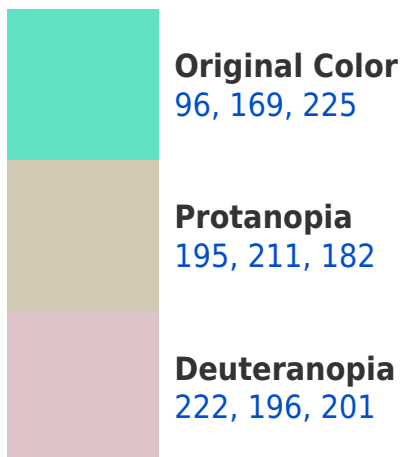



This preview shows how white text looks on a background with the RYB color 96, 169, 225.

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





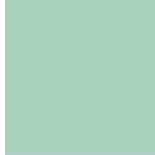
Tritanopia
111, 169, 237

Trichromacy



Original Color

96, 169, 225



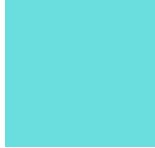
Protanomaly

169, 197, 210



Deuteranomaly

176, 194, 207



Tritanomaly

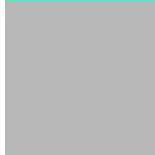
106, 164, 222

Monochromacy



Original Color

96, 169, 225



Achromatopsia

183, 183, 183



Achromatomaly

151, 178, 198

CSS Examples

Text

The CSS property to change the color of the text to RYB 96, 169, 225 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, 225, 195)` looks like.

```
.text, #text, p{  
    color:rgb(96, 225, 195)  
}
```

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, 225, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 225, 195) }
```

Border

The CSS property to change the border of an element to RYB 96, 169, 225 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, 225, 195) }
```

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

```
.border{ border-color:rgb(96, 225, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 225, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 225, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 225, 195);  
box-shadow:4px 4px 4px 4px rgb(96, 225,  
195) }
```

Background

The CSS property to change the background color of an element to RGB 96, 169, 225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 225, 195) }
```

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

```
.background{ background-color: rgb(96, 225,  
195) }
```

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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