

Converting Colors

`RYB(101, 184, 244)`

Have a look what the booklet for
RYB(101, 184, 244) contains.

RYB(101, 184, 244)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RYB(101, 184, 244)

Conversions

Conversions Part 1

Format	Color
Hex	65F4CC
RGB	101, 244, 204
RGB Percent	40%, 96%, 80%
CMY	0.6039, 0.0431, 0.1985
CMYK	0.59, 0.00, 0.16, 0.04
HSL	163°, 87%, 68%
HSV	163°, 59%, 96%
XYZ	48.6615, 71.8456, 68.6648
YIQ	196.6830, -72.3880, -42.7560

Conversions

Conversions Part 2

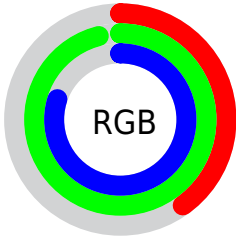
Format	Color
RYB	101, 184, 244
Decimal	6681804
CIELab	87.89, -47.83, 7.62
CIElCh	88, 48.430, 170.949
Yxy	71.8456, 0.2572, 0.3798
Android (android.graphics.Color)	4284871884 (0xFF65F4CC)
YUV	196.6830, 3.6073, -83.9140
Hunter-Lab	84.7618, -45.8569, 11.3030

Details

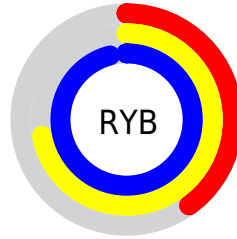
The RYB color **101, 184, 244** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **244, 101, 141**, and the grayscale version is **197, 197, 197**.

A 20% lighter version of the original color is **163, 209, 255**, and **16, 112, 187** is the 20% darker color. If you saturate the color by 10%, you get **77, 174, 244**, and if you desaturate by 10%, it is **125, 194, 244**.

Distribution



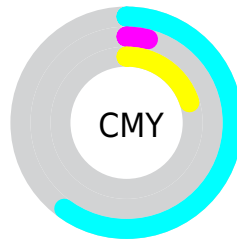
- Red (40%)
- Green (96%)
- Blue (80%)



- Red (40%)
- Yellow (72%)
- Blue (96%)



- Cyan (59%)
- Magenta (0%)
- Yellow (16%)
- Black (4%)




- Cyan (60%)
- Magenta (4%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RYB color 101, 184, 244 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 101, 184, 244 by changing the saturation by 10% instead.

 101, 184, 244


255, 255, 255


 163, 209, 255


 193, 224, 255

 224, 240, 255

254, 255, 255

 101, 184, 244

 67, 152, 215

 16, 112, 187

 0, 89, 159

 0, 76, 133


 0, 62, 106


 0, 49, 81


 0, 37, 57

 0, 28, 35


 0, 0, 0

 101, 184, 244


 101, 184, 244

 77, 174, 244

 125, 194, 244

 52, 163, 244

 150, 205, 244

 28, 153, 244

 174, 214, 244

 3, 143, 244

 199, 225, 244

 0, 142, 244

 223, 235, 244

 247, 244, 245

 255, 244, 252

 255, 244, 255

Harmonies

Analogous

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



161, 238, 235



101, 184, 244



0, 124, 252

Triad

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



101, 184, 244



205, 213, 255



255, 233, 151

Complementary

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



101, 184, 244



244, 101, 141

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, 186, 190



101, 184, 244



255, 197, 255

Square

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



101, 184, 244



125, 183, 255



255, 185, 236



192, 255, 129

Rectangle

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



101, 184, 244



0, 124, 255



255, 185, 236



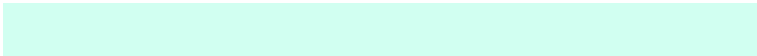
255, 206, 162

Sweetspot

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



101, 184, 244



209, 236, 255



101, 244, 203



99, 116, 128



0, 0, 0



128, 128, 128

Same Dimension

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



101, 184, 244



77, 180, 255



101, 164, 244



110, 117, 122



0, 108, 186



0, 34, 59

Inverse Universe

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



244, 101, 141



255, 77, 126



244, 141, 101



122, 110, 114



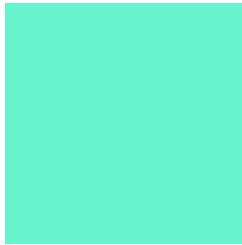
186, 0, 52



59, 0, 16

Previews

White Background



This preview shows how the RYB color 101, 184, 244 looks on a white background.

Color Contrast Check

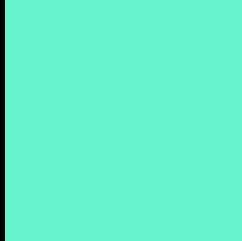
Large Text (above 18pt) WCAG AA × Fail

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 101, 184, 244 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 101, 184, 244 Background



This preview shows how black text looks on a background with the RYB color 101, 184, 244.

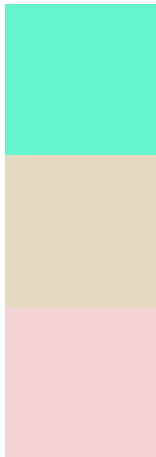


This preview shows how white text looks on a background with the RYB color 101, 184, 244.

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](#).

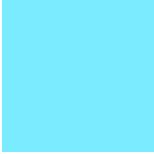
Dichromacy



Original Color
101, 184, 244

Protanopia
206, 229, 191

Deuteranopia
243, 211, 211



Tritanopia
123, 184, 255

Trichromacy



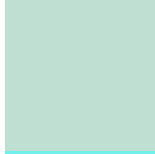
Original Color

101, 184, 244



Protanomaly

182, 216, 227



Deuteranomaly

191, 211, 223



Tritanomaly

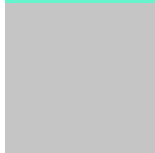
115, 178, 239

Monochromacy



Original Color

101, 184, 244



Achromatopsia

197, 197, 197



Achromatomaly

162, 192, 214

CSS Examples

Text

The CSS property to change the color of the text to RYB 101, 184, 244 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(101, 244, 204)` looks like.

```
.text, #text, p{  
    color:rgb(101, 244, 204)  
}
```

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(101, 244, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 244, 204) }
```

Border

The CSS property to change the border of an element to RYB 101, 184, 244 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(101, 244, 204) }
```

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

```
.border{ border-color:rgb(101, 244, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 244, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(101, 244, 204); -webkit-box-shadow:4px 4px 4px 4px rgb(101, 244, 204); box-shadow:4px 4px 4px 4px rgb(101, 244, 204) }
```

Background

The CSS property to change the background color of an element to RYB 101, 184, 244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 244, 204) }
```

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

```
.background{ background-color: rgb(101,  
244, 204) }
```

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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