

Converting Colors

`RYB(0, 184, 245)`

Have a look what the booklet for
RYB(0, 184, 245) contains.

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Color

RYB(0, 184, 245)

Conversions

Conversions Part 1

Format	Color
Hex	00F551
RGB	0, 245, 81
RGB Percent	0%, 96%, 32%
CMY	1.0000, 0.0392, 0.6815
CMYK	1.00, 0.00, 0.67, 0.04
HSL	140°, 100%, 48%
HSV	140°, 100%, 96%
XYZ	34.1460, 65.9022, 18.7492
YIQ	153.0490, -93.3760, -102.9440

Conversions

Conversions Part 2

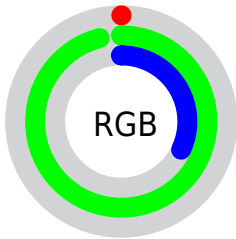
Format	Color
RYB	0, 184, 245
Decimal	62801
CIELab	84.95, -79.67, 62.78
CIELCh	85, 101.432, 141.763
Yxy	65.9022, 0.2874, 0.5547
Android (android.graphics.Color)	4278252881 (0xFF00F551)
YUV	153.0490, -35.5202, -134.2240
Hunter-Lab	81.1802, -66.9847, 43.1327

Details

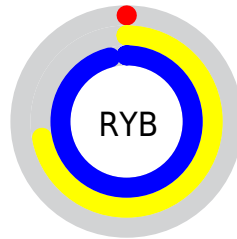
The RYB color **0, 184, 245** is a dark color, and the websafe version is hex **00FF66**. The color can be described as dark saturated green. A complement of this color would be **245, 0, 164**, and the grayscale version is **153, 153, 153**.

A 20% lighter version of the original color is **115, 236, 255**, and **0, 175, 187** is the 20% darker color. If you saturate the color by 10%, you get **0, 184, 245**, and if you desaturate by 10%, it is **24, 190, 245**.

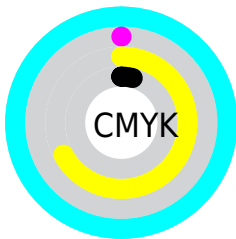
Distribution



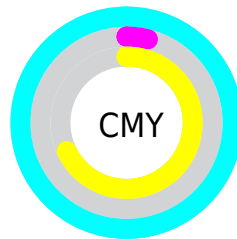
- Red (0%)
- Green (96%)
- Blue (32%)



- Red (0%)
- Yellow (72%)
- Blue (96%)



- Cyan (100%)
- Magenta (0%)
- Yellow (67%)
- Black (4%)














- Cyan (100%)
- Magenta (4%)
- Yellow (68%)


Brightness & Saturation Gradients


These gradients show how the RYB color 0, 184, 245 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 0, 184, 245 by changing the saturation by 10% instead.

 0, 184, 245	 0, 184, 245
 255, 255, 255	 0, 174, 216
 115, 236, 255	 0, 175, 187
 149, 241, 255	 0, 159, 159
 182, 245, 255	 0, 131, 131
 215, 248, 255	 0, 104, 104
 247, 252, 255	 0, 78, 78
	 0, 53, 53
	 0, 26, 26
	 0, 0, 0

 0, 184, 245

 24, 190, 245

 49, 196, 245

 74, 203, 245

 98, 208, 245

 123, 215, 245

 147, 221, 245

 171, 226, 245

 196, 233, 245

 221, 239, 245

Harmonies

Analogous

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



0, 228, 40



0, 184, 245



0, 147, 253

Triad

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



0, 184, 245



0, 121, 255



255, 111, 147

Complementary

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



0, 184, 245



245, 0, 164

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, 106, 243



0, 184, 245



144, 180, 255

Square

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



0, 184, 245



0, 126, 255



255, 150, 255



251, 255, 55

Rectangle

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



0, 184, 245



0, 129, 255



255, 150, 255



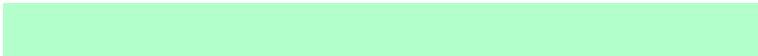
255, 102, 179

Sweetspot

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



0, 184, 245



179, 236, 255



0, 245, 78



82, 117, 128



0, 0, 0



128, 128, 128

Same Dimension

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



0, 184, 245



0, 191, 255



0, 135, 245



110, 119, 122



0, 140, 186



0, 45, 59

Inverse Universe

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



245, 0, 164



255, 0, 170



245, 0, 45



122, 110, 118



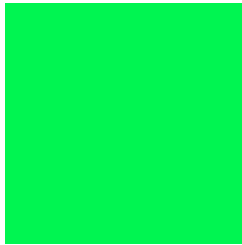
186, 0, 124



59, 0, 39

Previews

White Background



This preview shows how the RYB color 0, 184, 245 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 0, 184, 245 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 0, 184, 245 Background



This preview shows how black text looks on a background with the R Y B color 0, 184, 245.

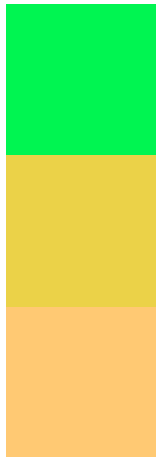


This preview shows how white text looks on a background with the R Y B color 0, 184, 245.

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](#).

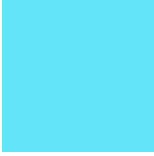
Dichromacy



Original Color
0, 184, 245

Protanopia
102, 235, 72

Deuteranopia
203, 255, 115



Tritanopia
99, 168, 248

Trichromacy



Original Color

0, 184, 245



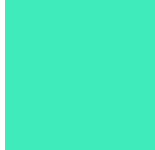
Protanomaly

75, 223, 148



Deuteranomaly

103, 217, 158



Tritanomaly

63, 163, 235

Monochromacy



Original Color

0, 184, 245



Achromatopsia

153, 153, 153



Achromatomaly

97, 164, 186

CSS Examples

Text

The CSS property to change the color of the text to RYB 0, 184, 245 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(0, 245, 81)` looks like.

```
.text, #text, p{  
    color:rgb(0, 245, 81)  
}
```

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(0, 245, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 245, 81) }
```

Border

The CSS property to change the border of an element to RYB 0, 184, 245 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(0, 245, 81) }
```

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

```
.border{ border-color:rgb(0, 245, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 245, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 245, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 245, 81);  
box-shadow:4px 4px 4px 4px rgb(0, 245, 81)  
}
```

Background

The CSS property to change the background color of an element to RYB 0, 184, 245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 245, 81) }
```

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

```
.background{ background-color: rgb(0, 245,  
81) }
```

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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