

Converting Colors

`RYB(25, 165, 241)`

Have a look what the booklet for
RYB(25, 165, 241) contains.

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Color

`RYB(25, 165, 241)`

Conversions

Conversions Part 1

Format	Color
Hex	19F18E
RGB	25, 241, 142
RGB Percent	10%, 95%, 56%
CMY	0.9020, 0.0549, 0.4421
CMYK	0.90, 0.00, 0.41, 0.05
HSL	153°, 89%, 52%
HSV	153°, 90%, 95%
XYZ	36.7580, 65.0780, 36.3165
YIQ	165.1300, -96.9570, -76.5810

Conversions

Conversions Part 2

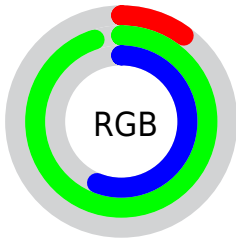
Format	Color
R _Y B	25, 165, 241
Decimal	1700238
CIE Lab	84.52, -69.01, 34.62
CIE LCh	85, 77.204, 153.360
Yxy	65.0780, 0.2661, 0.4711
Android (android.graphics.Color)	4279890318 (0xFF19F18E)
YUV	165.1300, -11.4031, -122.8940
Hunter-Lab	80.6709, -59.8399, 29.7784

Details

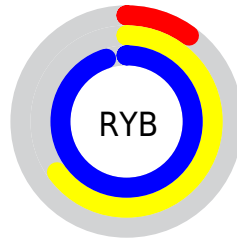
The RYB color **25, 165, 241** is a dark color, and the websafe version is hex **33FF99**. The color can be described as middle washed spring green. A complement of this color would be **241, 25, 124**, and the grayscale version is **165, 165, 165**.

A 20% lighter version of the original color is **116, 204, 255**, and **0, 123, 183** is the 20% darker color. If you saturate the color by 10%, you get **1, 157, 241**, and if you desaturate by 10%, it is **49, 174, 241**.

Distribution



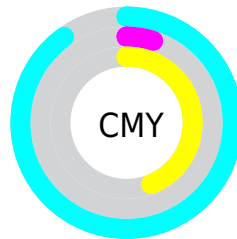
- Red (10%)
- Green (95%)
- Blue (56%)



- Red (10%)
- Yellow (65%)
- Blue (95%)



- Cyan (90%)
- Magenta (0%)
- Yellow (41%)
- Black (5%)




















- Cyan (90%)
- Magenta (5%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the RYB color 25, 165, 241 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 25, 165, 241 by changing the saturation by 10% instead.

 25, 165, 241	 25, 165, 241
 255, 255, 255	 0, 137, 212
 116, 204, 255	 0, 122, 183
 150, 211, 255	 0, 109, 155
 182, 219, 255	 0, 96, 128
 214, 235, 255	 0, 88, 102
 246, 251, 255	 0, 76, 76
	 0, 52, 52
	 0, 24, 24
	 0, 0, 0

■ 25, 165, 241

■ 25, 165, 241

■ 1, 157, 241

■ 49, 174, 241

■ 0, 156, 241

■ 73, 182, 241

■ 97, 190, 241

■ 121, 199, 241

■ 145, 207, 241

■ 170, 216, 241

■ 194, 225, 241

■ 218, 233, 241

■ 242, 241, 241

Harmonies

Analogous

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



79, 230, 143



25, 165, 241



0, 131, 246

Triad

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



25, 165, 241



7, 121, 255



255, 158, 135

Complementary

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



25, 165, 241



241, 25, 124

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, 142, 206



25, 165, 241



223, 188, 255

Square

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



25, 165, 241



0, 122, 255



255, 157, 255



198, 255, 77

Rectangle

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



25, 165, 241



0, 125, 255



255, 157, 255



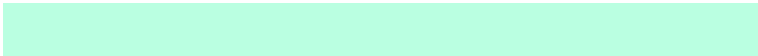
255, 147, 158

Sweetspot

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



25, 165, 241



186, 230, 255



25, 241, 140



87, 114, 128



0, 0, 0



128, 128, 128

Same Dimension

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



25, 165, 241



0, 165, 255



25, 131, 241



108, 116, 120



0, 119, 184



0, 36, 56

Inverse Universe

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



241, 25, 124



255, 0, 117



241, 32, 25



120, 108, 113



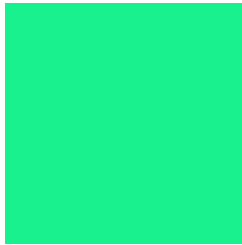
184, 0, 84



56, 0, 26

Previews

White Background



This preview shows how the RYB color 25, 165, 241 looks on a white background.

Color Contrast Check

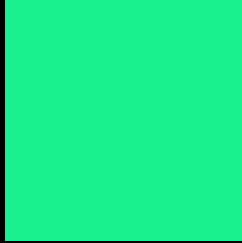
Large Text (above 18pt) WCAG AA × Fail

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 25, 165, 241 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

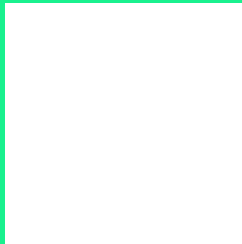
Any Text WCAG AAA ✓ Pass

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

RGB 25, 165, 241 Background



This preview shows how black text looks on a background with the RGB color 25, 165, 241.

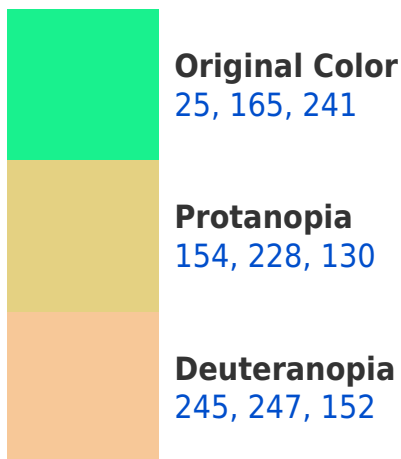


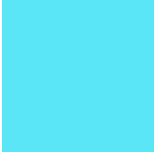
This preview shows how white text looks on a background with the RGB color 25, 165, 241.

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, 164, 247

Trichromacy



Original Color

25, 165, 241



Protanomaly

134, 221, 201



Deuteranomaly

148, 215, 197



Tritanomaly

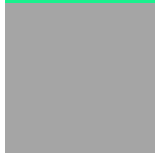
66, 156, 233

Monochromacy



Original Color

25, 165, 241



Achromatopsia

165, 165, 165



Achromatomaly

114, 165, 193

CSS Examples

Text

The CSS property to change the color of the text to RYB 25, 165, 241 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(25, 241, 142)` looks like.

```
.text, #text, p{  
    color:rgb(25, 241, 142)  
}
```

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(25, 241, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 241, 142) }
```

Border

The CSS property to change the border of an element to RYB 25, 165, 241 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(25, 241, 142) }
```

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

```
.border{ border-color:rgb(25, 241, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(25, 241, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 241, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 241, 142);  
box-shadow:4px 4px 4px 4px rgb(25, 241,  
142) }
```

Background

The CSS property to change the background color of an element to RGB 25, 165, 241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 241, 142) }
```

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

```
.background{ background-color: rgb(25, 241,  
142) }
```

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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