

Converting Colors

`RYB(39, 215, 206)`

Have a look what the booklet for
RYB(39, 215, 206) contains.

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Color

RYB(39, 215, 206)

Conversions

Conversions Part 1

Format	Color
Hex	30D727
RGB	48, 215, 39
RGB Percent	19%, 84%, 15%
CMY	0.8118, 0.1569, 0.8471
CMYK	0.78, 0.00, 0.82, 0.16
HSL	117°, 69%, 50%
HSV	117°, 82%, 84%
XYZ	25.8856, 49.3757, 10.0856
YIQ	145.0030, -43.0360, -90.1400

Conversions

Conversions Part 2

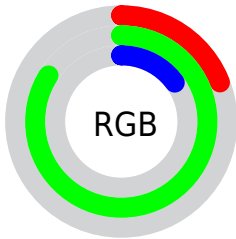
Format	Color
RYB	39, 215, 206
Decimal	3200807
CIELab	75.68, -71.09, 67.58
CIELCh	76, 98.092, 136.450
Yxy	49.3757, 0.3033, 0.5785
Android (android.graphics.Color)	4281390887 (0xFF30D727)
YUV	145.0030, -52.2595, -85.0716
Hunter-Lab	70.2679, -57.2122, 40.6776

Details

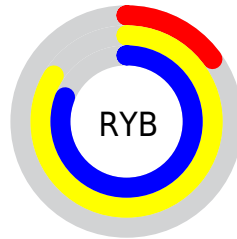
The RYB color **39, 215, 206** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **206, 39, 215**, and the grayscale version is **146, 146, 146**.

A 20% lighter version of the original color is **100, 255, 232**, and **0, 159, 159** is the 20% darker color. If you saturate the color by 10%, you get **17, 215, 204**, and if you desaturate by 10%, it is **61, 215, 208**.

Distribution



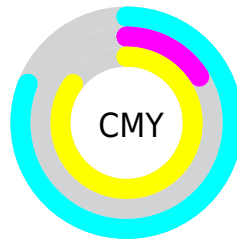
- Red (19%)
- Green (84%)
- Blue (15%)



- Red (15%)
- Yellow (84%)
- Blue (81%)



- Cyan (78%)
- Magenta (0%)
- Yellow (82%)
- Black (16%)



















- Cyan (81%)
- Magenta (16%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the RYB color 39, 215, 206 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 39, 215, 206 by changing the saturation by 10% instead.

 39, 215, 206	 39, 215, 206
255, 255, 255	 0, 186, 186
 100, 255, 232	 0, 159, 159
 129, 255, 229	 0, 131, 131
 157, 255, 226	 0, 105, 105
 186, 255, 224	 0, 79, 79
 215, 255, 221	 0, 55, 55
 244, 255, 244	 0, 28, 28
	 0, 0, 0

 39, 215, 206  39, 215, 206

■ 17, 215, 204

■ 61, 215, 208

■ 0, 215, 204

■ 82, 215, 208

■ 103, 215, 209

■ 125, 215, 210

■ 147, 215, 212

■ 168, 215, 213

■ 190, 215, 214

■ 211, 215, 215

■ 232, 215, 233

Harmonies

Analogous

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



0, 198, 20



39, 215, 206



0, 137, 223

Triad

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



39, 215, 206



0, 115, 255



255, 78, 141

Complementary

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



39, 215, 206



206, 39, 215

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, 85, 232



39, 215, 206



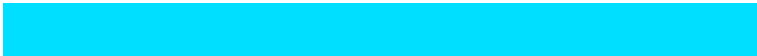
36, 123, 255

Square

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



39, 215, 206



0, 119, 255



250, 135, 255



255, 160, 53

Rectangle

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



39, 215, 206



0, 119, 226



250, 135, 255



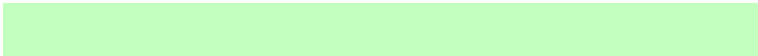
255, 71, 171

Sweetspot

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



39, 215, 206



191, 255, 251



52, 215, 39



89, 128, 126



0, 0, 0



128, 128, 128

Same Dimension

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



39, 215, 206



5, 255, 242



39, 162, 215



96, 107, 106



0, 171, 162



0, 43, 41

Inverse Universe

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



206, 39, 215



242, 5, 255



215, 39, 139



107, 96, 107



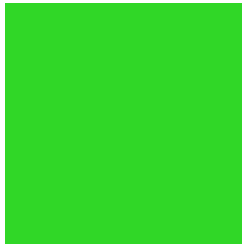
162, 0, 171



41, 0, 43

Previews

White Background



This preview shows how the RYB color 39, 215, 206 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 39, 215, 206 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 39, 215, 206 Background



This preview shows how black text looks on a background with the RGB color 39, 215, 206.

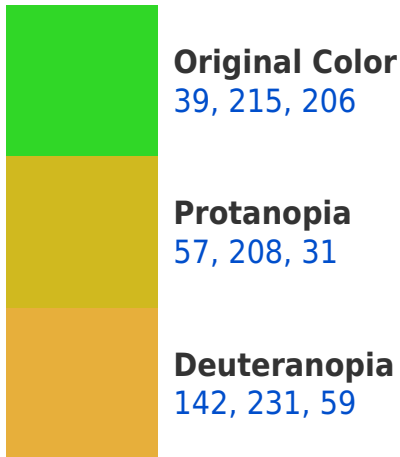


This preview shows how white text looks on a background with the RGB color 39, 215, 206.

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
99, 153, 216

Trichromacy



Original Color

39, 215, 206



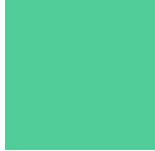
Protanomaly

34, 196, 80



Deuteranomaly

52, 190, 78



Tritanomaly

80, 159, 205

Monochromacy



Original Color

39, 215, 206



Achromatopsia

145, 145, 145



Achromatomaly

106, 170, 166

CSS Examples

Text

The CSS property to change the color of the text to RYB 39, 215, 206 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(48, 215, 39)` looks like.

```
.text, #text, p{  
    color:rgb(48, 215, 39)  
}
```

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(48, 215, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 215, 39) }
```

Border

The CSS property to change the border of an element to RYB 39, 215, 206 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(48, 215, 39) }
```

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

```
.border{ border-color:rgb(48, 215, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(48, 215, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 215, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 215, 39);  
box-shadow:4px 4px 4px 4px rgb(48, 215,  
39) }
```

Background

The CSS property to change the background color of an element to RYB 39, 215, 206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 215, 39) }
```

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

```
.background{ background-color: rgb(48, 215,  
39) }
```

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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