

Converting Colors

`RYB(61, 192, 197)`

Have a look what the booklet for
RYB(61, 192, 197) contains.

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Color

$\text{RYB}(61, 192, 197)$

Conversions

Conversions Part 1

Format	Color
Hex	3DC542
RGB	61, 197, 66
RGB Percent	24%, 77%, 26%
CMY	0.7608, 0.2275, 0.7404
CMYK	0.69, 0.00, 0.66, 0.23
HSL	122°, 54%, 51%
HSV	122°, 69%, 77%
XYZ	22.8797, 41.3202, 11.9535
YIQ	141.4020, -39.0050, -69.5730

Conversions

Conversions Part 2

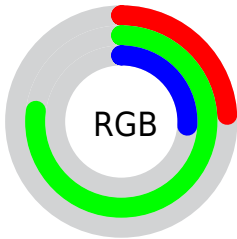
Format	Color
RYB	61, 192, 197
Decimal	4048194
CIELab	70.40, -61.38, 53.20
CIELCh	70, 81.225, 139.083
Yxy	41.3202, 0.3004, 0.5426
Android (android.graphics.Color)	4282238274 (0xFF3DC542)
YUV	141.4020, -37.1732, -70.5126
Hunter-Lab	64.2808, -48.9572, 33.9711

Details

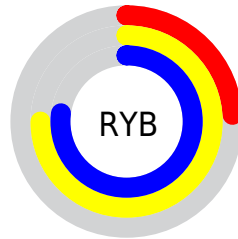
The RYB color **61, 192, 197** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark muted green. A complement of this color would be **197, 61, 192**, and the grayscale version is **142, 142, 142**.

A 20% lighter version of the original color is **120, 255, 249**, and **0, 142, 142** is the 20% darker color. If you saturate the color by 10%, you get **41, 191, 197**, and if you desaturate by 10%, it is **81, 193, 197**.

Distribution



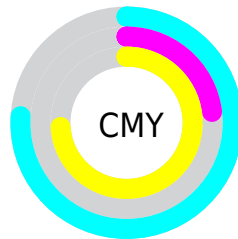
- Red (24%)
- Green (77%)
- Blue (26%)



- Red (24%)
- Yellow (75%)
- Blue (77%)



- Cyan (69%)
- Magenta (0%)
- Yellow (66%)
- Black (23%)



















- Cyan (76%)
- Magenta (23%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the RYB color 61, 192, 197 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 61, 192, 197 by changing the saturation by 10% instead.

 61, 192, 197	 61, 192, 197
255, 255, 255	 6, 142, 169
 120, 255, 249	 0, 142, 142
 147, 255, 246	 0, 115, 115
 175, 255, 244	 0, 89, 89
 203, 255, 242	 0, 64, 64
 232, 255, 240	 0, 41, 41
	 0, 3, 3
	 0, 0, 0

 61, 192, 197  61, 192, 197

■ 41, 191, 197

■ 81, 193, 197

■ 22, 191, 197

■ 100, 193, 197

■ 2, 190, 197

■ 120, 194, 197

■ 0, 189, 197

■ 140, 195, 197

■ 160, 196, 197

■ 179, 196, 197

■ 199, 197, 199

■ 219, 197, 218

■ 238, 197, 237

Harmonies

Analogous

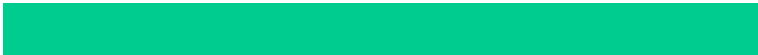
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



0, 183, 22



61, 192, 197



0, 120, 204

Triad

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



61, 192, 197



0, 109, 255



255, 96, 129

Complementary

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



61, 192, 197



197, 61, 192

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, 97, 202



61, 192, 197



108, 149, 255

Square

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



61, 192, 197



0, 113, 255



233, 129, 255



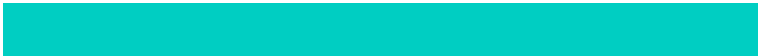
255, 162, 60

Rectangle

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



61, 192, 197



0, 106, 206



233, 129, 255



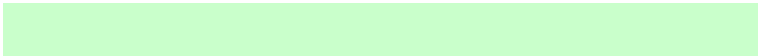
255, 92, 153

Sweetspot

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



61, 192, 197



201, 253, 255



61, 197, 66



96, 127, 128



0, 0, 0



128, 128, 128

Same Dimension

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



61, 192, 197



43, 247, 255



61, 149, 197



90, 99, 99



0, 157, 163



0, 35, 36

Inverse Universe

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



197, 61, 192



255, 43, 247



197, 61, 124



99, 90, 99



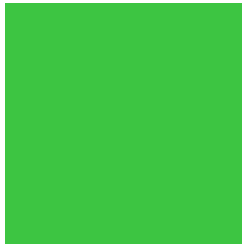
163, 0, 157



36, 0, 34

Previews

White Background



This preview shows how the RYB color 61, 192, 197 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 61, 192, 197 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 61, 192, 197 Background



This preview shows how black text looks on a background with the RYB color 61, 192, 197.



This preview shows how white text looks on a background with the RYB color 61, 192, 197.

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
61, 192, 197

Protanopia
83, 191, 59

Deuteranopia
154, 211, 77



Tritanopia
97, 144, 199

Trichromacy



Original Color

61, 192, 197



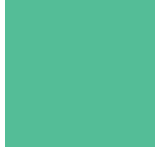
Protanomaly

62, 180, 98



Deuteranomaly

73, 175, 92



Tritanomaly

84, 148, 189

Monochromacy



Original Color

61, 192, 197



Achromatopsia

141, 141, 141



Achromatomaly

112, 159, 161

CSS Examples

Text

The CSS property to change the color of the text to RYB 61, 192, 197 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(61, 197, 66)` looks like.

```
.text, #text, p{  
    color:rgb(61, 197, 66)  
}
```

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(61, 197, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 197, 66) }
```

Border

The CSS property to change the border of an element to RYB 61, 192, 197 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(61, 197, 66) }
```

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

```
.border{ border-color:rgb(61, 197, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 197, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 197, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 197, 66);  
box-shadow:4px 4px 4px 4px rgb(61, 197,  
66) }
```

Background

The CSS property to change the background color of an element to RGB 61, 192, 197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 197, 66) }
```

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

```
.background{ background-color: rgb(61, 197,  
66) }
```

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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