

Converting Colors

`RYB(6, 197, 162)`

Have a look what the booklet for
RYB(6, 197, 162) contains.

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Color

RYB(6, 197, 162)

Conversions

Conversions Part 1

Format	Color
Hex	29C506
RGB	41, 197, 6
RGB Percent	16%, 77%, 2%
CMY	0.8392, 0.2275, 0.9765
CMYK	0.79, 0.00, 0.97, 0.23
HSL	109°, 94%, 40%
HSV	109°, 97%, 77%
XYZ	20.9136, 40.4171, 6.8713
YIQ	128.5820, -31.6650, -92.4730

Conversions

Conversions Part 2

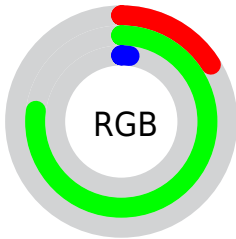
Format	Color
RYB	6, 197, 162
Decimal	2737414
CIELab	69.77, -67.82, 68.25
CIELCh	70, 96.215, 134.822
Yxy	40.4171, 0.3066, 0.5926
Android (android.graphics.Color)	4280927494 (0xFF29C506)
YUV	128.5820, -60.4329, -76.8094
Hunter-Lab	63.5744, -52.5355, 38.0939

Details

The RYB color **6, 197, 162** is a dark color, and the websafe version is hex **33CC00**. The color can be described as dark washed green. A complement of this color would be **162, 6, 197**, and the grayscale version is **129, 129, 129**.

A 20% lighter version of the original color is **82, 255, 221**, and **0, 142, 142** is the 20% darker color. If you saturate the color by 10%, you get **0, 197, 161**, and if you desaturate by 10%, it is **26, 197, 166**.

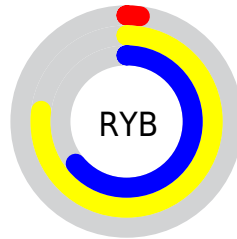
Distribution



Red (16%)

Green (77%)

Blue (2%)



Red (2%)

Yellow (77%)

Blue (64%)

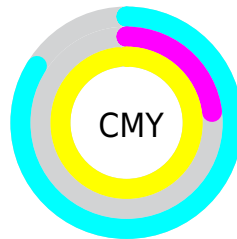


Cyan (79%)

Magenta (0%)

Yellow (97%)

Black (23%)



Cyan (84%)

Magenta (23%)


Yellow (98%)

Brightness & Saturation Gradients


These gradients show how the RYB color 6, 197, 162 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 6, 197, 162 by changing the saturation by 10% instead.

 6, 197, 162

 6, 197, 162


255, 255, 255

 0, 169, 169

 82, 255, 221

 0, 142, 142

 110, 255, 218

 0, 115, 115


 139, 255, 216

 0, 89, 89

 167, 255, 213

 0, 64, 64

 196, 255, 211

 0, 39, 39


 225, 255, 225


 0, 0, 0


 6, 197, 162


 6, 197, 162

 0, 197, 161


 26, 197, 166


 45, 197, 169


 65, 197, 173

 85, 197, 177

 105, 197, 181

 124, 197, 183

 144, 197, 187

 164, 197, 191

 183, 197, 194

Harmonies

Analogous

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



0, 180, 14



6, 197, 162



0, 129, 205

Triad

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



6, 197, 162



0, 110, 255



255, 56, 132

Complementary

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



6, 197, 162



162, 6, 197

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, 68, 219



6, 197, 162



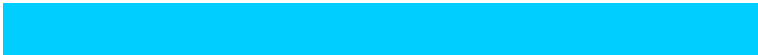
0, 101, 255

Square

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



6, 197, 162



0, 114, 255



226, 123, 255



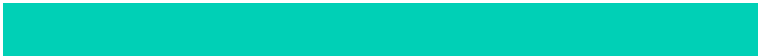
255, 128, 46

Rectangle

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



6, 197, 162



0, 111, 208



226, 123, 255



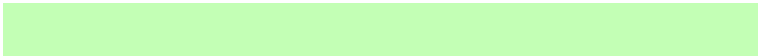
255, 49, 160

Sweetspot

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



6, 197, 162



181, 255, 241



49, 197, 6



83, 128, 120



0, 0, 0



128, 128, 128

Same Dimension

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



6, 197, 162



0, 255, 208



6, 151, 197



90, 99, 98



0, 163, 133



0, 36, 29

Inverse Universe

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



162, 6, 197



208, 0, 255



197, 6, 137



98, 90, 99



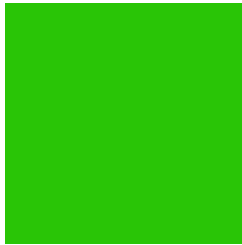
133, 0, 163



29, 0, 36

Previews

White Background



This preview shows how the RYB color 6, 197, 162 looks on a white background.

Color Contrast Check

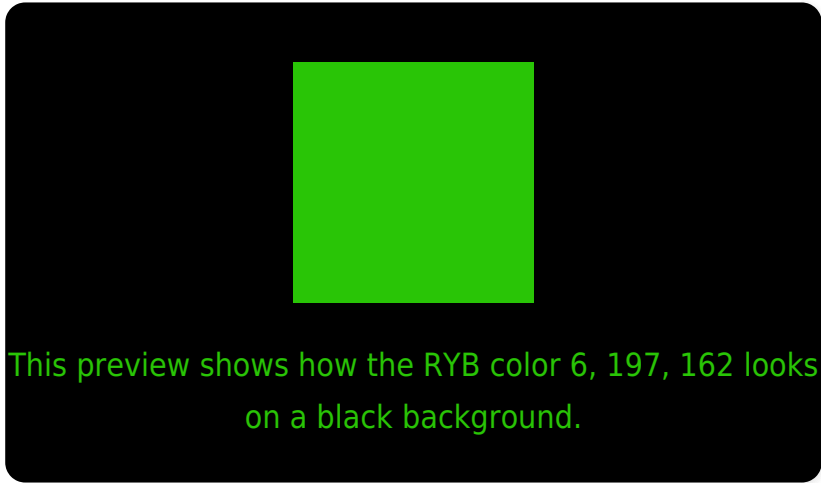
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

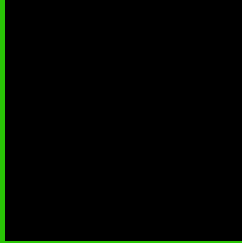
Any Text WCAG AA ✓ Pass

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 6, 197, 162 Background



This preview shows how black text looks on a background with the R Y B color 6, 197, 162.



This preview shows how white text looks on a background with the R Y B color 6, 197, 162.

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
6, 197, 162

Protanopia
25, 191, 0

Deuteranopia
118, 212, 43



Tritanopia
90, 140, 198

Trichromacy



Original Color
6, 197, 162



Protanomaly
2, 179, 45



Deuteranomaly
30, 173, 53



Tritanomaly
72, 150, 188

Monochromacy



Original Color
6, 197, 162



Achromatopsia
129, 129, 129



Achromatomaly
84, 154, 141

CSS Examples

Text

The CSS property to change the color of the text to RYB 6, 197, 162 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(41, 197, 6)` looks like.

```
.text, #text, p{  
    color:rgb(41, 197, 6)  
}
```

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(41, 197, 6) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 197, 6) }
```

Border

The CSS property to change the border of an element to RYB 6, 197, 162 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(41, 197, 6) }
```

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

```
.border{ border-color:rgb(41, 197, 6) }
```

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

Here you see how a box with a 4 pixel rgb(41, 197, 6) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 197, 6); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 197, 6);  
box-shadow:4px 4px 4px 4px rgb(41, 197, 6)  
}
```

Background

The CSS property to change the background color of an element to RGB 41, 197, 6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 197, 6) }
```

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

```
.background{ background-color: rgb(41, 197,  
6) }
```

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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