

Converting Colors

`RYB(126, 197, 104)`

Have a look what the booklet for
RYB(126, 197, 104) contains.

RYB(126, 197, 104)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(126, 197, 104)

Conversions

Conversions Part 1

Format	Color
Hex	C5B368
RGB	197, 179, 104
RGB Percent	77%, 70%, 41%
CMY	0.2275, 0.2972, 0.5922
CMYK	0.00, 0.09, 0.47, 0.23
HSL	49°, 44%, 59%
HSV	49°, 47%, 77%
XYZ	41.6866, 45.1937, 19.6228
YIQ	175.8320, 34.8030, -19.5090

Conversions

Conversions Part 2

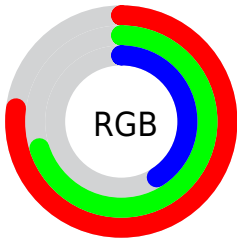
Format	Color
RYB	126, 197, 104
Decimal	12956520
CIELab	73.02, -3.82, 40.51
CIElCh	73, 40.691, 95.380
Yxy	45.1937, 0.3914, 0.4243
Android (android.graphics.Color)	4291146600 (0xFFC5B368)
YUV	175.8320, -35.4132, 18.5643
Hunter-Lab	67.2263, -6.9592, 29.7521

Details

The RYB color **126, 197, 104** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **104, 119, 197**, and the grayscale version is **176, 176, 176**.

A 20% lighter version of the original color is **181, 255, 156**, and **71, 141, 54** is the 20% darker color. If you saturate the color by 10%, you get **111, 197, 84**, and if you desaturate by 10%, it is **141, 197, 124**.

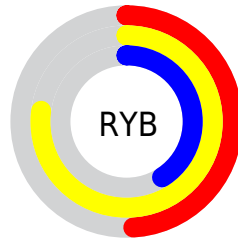
Distribution



Red (77%)

Green (70%)

Blue (41%)



Red (49%)

Yellow (77%)

Blue (41%)

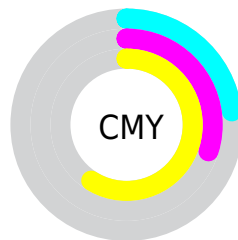


Cyan (0%)

Magenta (9%)

Yellow (47%)

Black (23%)



Cyan (23%)

Magenta (30%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the RYB color 126, 197, 104 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 126, 197, 104 by changing the saturation by 10% instead.

 126, 197, 104


255, 255, 255


 181, 255, 156


 184, 255, 184


 212, 255, 212

 240, 255, 240

 126, 197, 104

 98, 169, 79

 71, 141, 54

 44, 114, 30

 13, 88, 2

 10, 64, 0

 6, 39, 0

 0, 13, 6

 0, 0, 0

 126, 197, 104

 126, 197, 104

■ 111, 197, 84

■ 141, 197, 124

■ 96, 197, 65

■ 155, 197, 143

■ 81, 197, 45

■ 170, 197, 163

■ 66, 197, 25

■ 187, 197, 183

■ 52, 197, 6

■ 197, 198, 203

■ 47, 197, 0

■ 197, 201, 222

■ 197, 205, 242

■ 197, 207, 255

■ 197, 210, 255

Harmonies

Analogous

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



229, 212, 112



126, 197, 104



117, 190, 150

Triad

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



126, 197, 104



0, 104, 221



232, 155, 211

Complementary

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



126, 197, 104



104, 119, 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.



192, 167, 240



126, 197, 104



64, 139, 246

Square

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



126, 197, 104



54, 130, 199



135, 168, 253



250, 150, 174

Rectangle

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



126, 197, 104



127, 187, 195



135, 168, 253



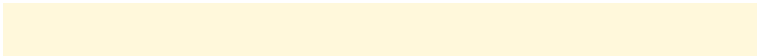
221, 158, 222

Sweetspot

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



126, 197, 104



228, 255, 219



197, 104, 123



112, 128, 106



0, 0, 0



128, 128, 128

Same Dimension

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



126, 197, 104



145, 255, 110



104, 197, 132



91, 99, 90



38, 163, 0



9, 36, 0

Inverse Universe

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



104, 119, 197



110, 133, 255



132, 104, 197



90, 91, 99



0, 26, 163



0, 6, 36

Previews

White Background



This preview shows how the RYB color 126, 197, 104 looks on a white background.

Color Contrast Check

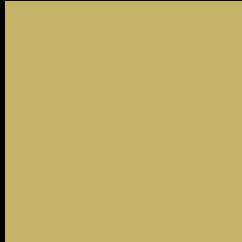
Large Text (above 18pt) WCAG AA × Fail

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 126, 197, 104 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 126, 197, 104 Background



This preview shows how black text looks on a background with the RYB color 126, 197, 104.



This preview shows how white text looks on a background with the RYB color 126, 197, 104.

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


126, 197, 104

Protanopia

126, 197, 104

Deuteranopia

187, 218, 106



Tritanopia
205, 170, 183

Trichromacy



Original Color
126, 197, 104

Protanomaly
126, 197, 104

Deuteranomaly
160, 210, 105

Tritanomaly
202, 185, 154

Monochromacy



Original Color
126, 197, 104

Achromatopsia
176, 176, 176

Achromatomaly
159, 184, 150

CSS Examples

Text

The CSS property to change the color of the text to RYB 126, 197, 104 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(197, 179, 104)` looks like.

```
.text, #text, p{  
    color:rgb(197, 179, 104)  
}
```

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(197, 179, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 179, 104) }
```

Border

The CSS property to change the border of an element to RYB 126, 197, 104 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(197, 179, 104) }
```

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

```
.border{ border-color:rgb(197, 179, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 179, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 179, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 179, 104);  
box-shadow:4px 4px 4px 4px rgb(197, 179,  
104) }
```

Background

The CSS property to change the background color of an element to RYB 126, 197, 104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 179, 104) }
```

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

```
.background{ background-color: rgb(197,  
179, 104) }
```

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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