

Converting Colors

`RYB(126, 191, 106)`

Have a look what the booklet for
RYB(126, 191, 106) contains.

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Color

R_YB(126, 191, 106)

Conversions

Conversions Part 1

Format	Color
Hex	BFAF6A
RGB	191, 175, 106
RGB Percent	75%, 69%, 42%
CMY	0.2510, 0.3145, 0.5843
CMYK	0.00, 0.08, 0.45, 0.25
HSL	49°, 40%, 58%
HSV	49°, 45%, 75%
XYZ	39.3803, 42.7028, 19.8026
YIQ	171.9180, 31.6850, -18.0670

Conversions

Conversions Part 2

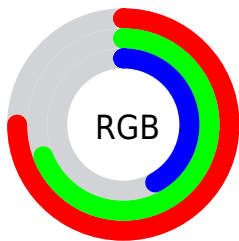
Format	Color
RYB	126, 191, 106
Decimal	12562282
CIELab	71.35, -3.77, 37.29
CIElCh	71, 37.484, 95.774
Yxy	42.7028, 0.3865, 0.4191
Android (android.graphics.Color)	4290752362 (0xFFBFAF6A)
YUV	171.9180, -32.4976, 16.7349
Hunter-Lab	65.3474, -6.7885, 27.7762

Details

The RYB color **126, 191, 106** is a light color, and the websafe version is hex **999966**. A complement of this color would be **106, 119, 191**, and the grayscale version is **172, 172, 172**.

A 20% lighter version of the original color is **182, 249, 158**, and **73, 136, 57** is the 20% darker color. If you saturate the color by 10%, you get **112, 191, 87**, and if you desaturate by 10%, it is **141, 191, 125**.

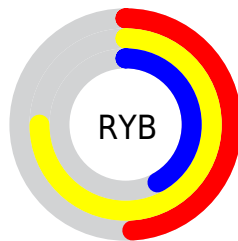
Distribution



Red (75%)

Green (69%)

Blue (42%)



Red (49%)

Yellow (75%)

Blue (42%)

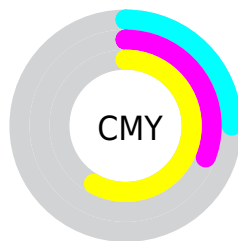


Cyan (0%)

Magenta (8%)

Yellow (45%)

Black (25%)



Cyan (25%)

Magenta (31%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the RYB color 126, 191, 106 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, 191, 106 by changing the saturation by 10% instead.


 126, 191, 106

 126, 191, 106

255, 255, 255

 99, 163, 81

 182, 249, 158

 73, 136, 57

 186, 255, 186

 46, 109, 33

 214, 255, 214

 18, 84, 7

 242, 255, 242


 8, 59, 0

 5, 35, 0

 0, 8, 8

 0, 0, 0

 126, 191, 106

 126, 191, 106

■ 112, 191, 87

■ 141, 191, 125

■ 96, 191, 68

■ 155, 191, 144

■ 82, 191, 49

■ 169, 191, 163

■ 68, 191, 30

■ 185, 191, 182

■ 53, 191, 11

■ 191, 193, 202

■ 44, 191, 0

■ 191, 196, 221

■ 191, 199, 240

■ 191, 202, 255

■ 191, 204, 255

Harmonies

Analogous

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



221, 206, 113



126, 191, 106



118, 185, 149

Triad

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



126, 191, 106



35, 119, 214



223, 153, 203

Complementary

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



126, 191, 106



106, 119, 191

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.



187, 163, 230



126, 191, 106



78, 142, 236

Square

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



126, 191, 106



67, 133, 193



137, 165, 242



240, 148, 169

Rectangle

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



126, 191, 106



127, 182, 189



137, 165, 242



213, 156, 214

Sweetspot

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



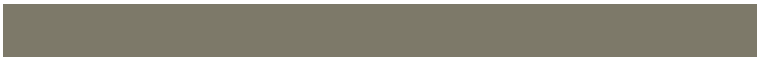
126, 191, 106



222, 247, 215



191, 106, 123



110, 125, 105



252, 252, 252



125, 125, 125

Same Dimension

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



126, 191, 106



147, 247, 116



106, 191, 131



86, 94, 85



37, 158, 0



7, 31, 0

Inverse Universe

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



106, 119, 191



116, 137, 247



132, 106, 191



85, 87, 94



0, 25, 158



0, 5, 31

Previews

White Background



This preview shows how the RYB color 126, 191, 106 looks on a white background.

Color Contrast Check

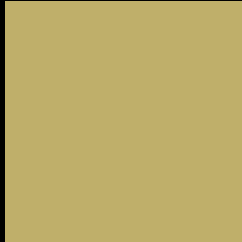
Large Text (above 18pt) WCAG AA × Fail

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, 191, 106 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

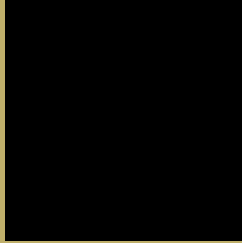
Any Text WCAG AA ✓ Pass

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 126, 191, 106 Background



This preview shows how black text looks on a background with the RYB color 126, 191, 106.



This preview shows how white text looks on a background with the RYB color 126, 191, 106.

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, 191, 106

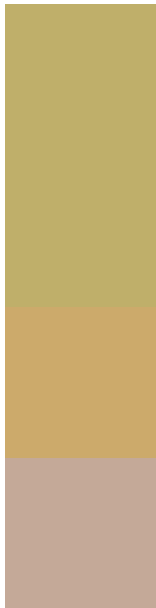
Protanopia
126, 191, 106

Deuteranopia
185, 211, 108



Tritanopia
199, 166, 179

Trichromacy



Original Color
126, 191, 106

Protanomaly
126, 191, 106

Deuteranomaly
159, 204, 107

Tritanomaly
196, 180, 152

Monochromacy



Original Color
126, 191, 106

Achromatopsia
172, 172, 172

Achromatomaly
155, 179, 148

CSS Examples

Text

The CSS property to change the color of the text to RGB 126, 191, 106 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(191, 175, 106)` looks like.

```
.text, #text, p{  
    color:rgb(191, 175, 106)  
}
```

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(191, 175, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 175, 106) }
```

Border

The CSS property to change the border of an element to RYB 126, 191, 106 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(191, 175, 106) }
```

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

```
.border{ border-color:rgb(191, 175, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 175, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 175, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 175, 106);  
box-shadow:4px 4px 4px 4px rgb(191, 175,  
106) }
```

Background

The CSS property to change the background color of an element to RYB 126, 191, 106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 175, 106) }
```

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

```
.background{ background-color: rgb(191,  
175, 106) }
```

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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