

Converting Colors

`RYB(102, 166, 125)`

Have a look what the booklet for
RYB(102, 166, 125) contains.

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Color

R_YB(102, 166, 125)

Conversions

Conversions Part 1

Format	Color
Hex	8FA666
RGB	143, 166, 102
RGB Percent	56%, 65%, 40%
CMY	0.4392, 0.3490, 0.6000
CMYK	0.14, 0.00, 0.39, 0.35
HSL	82°, 26%, 53%
HSV	82°, 39%, 65%
XYZ	27.3622, 34.0714, 17.7047
YIQ	151.8270, 6.8360, -24.7800

Conversions

Conversions Part 2

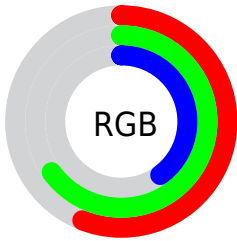
Format	Color
RYB	102, 166, 125
Decimal	9414246
CIELab	65.02, -19.07, 30.53
CIElCh	65, 35.995, 121.998
Yxy	34.0714, 0.3458, 0.4305
Android (android.graphics.Color)	4287604326 (0xFF8FA666)
YUV	151.8270, -24.5647, -7.7413
Hunter-Lab	58.3707, -18.4740, 22.8760

Details

The RYB color **102, 166, 125** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **125, 102, 166**, and the grayscale version is **152, 152, 152**.

A 20% lighter version of the original color is **154, 221, 177**, and **54, 114, 77** is the 20% darker color. If you saturate the color by 10%, you get **85, 166, 114**, and if you desaturate by 10%, it is **119, 166, 136**.

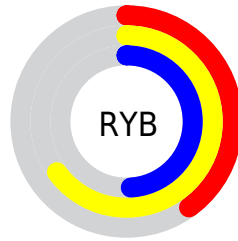
Distribution



Red (56%)

Green (65%)

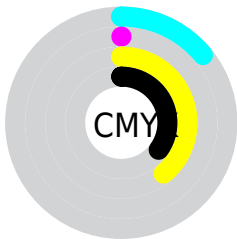
Blue (40%)



Red (40%)

Yellow (65%)

Blue (49%)

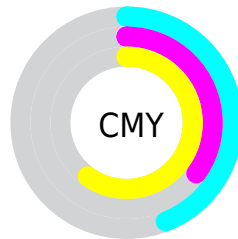


Cyan (14%)

Magenta (0%)

Yellow (39%)

Black (35%)



Cyan (44%)


Magenta (35%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the RYB color 102, 166, 125 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 102, 166, 125 by changing the saturation by 10% instead.

 102, 166, 125

255, 255, 255


 154, 221, 177


 181, 250, 205


 209, 255, 209


 237, 255, 237

 102, 166, 125

 85, 166, 114

 102, 166, 125

 77, 140, 100

 54, 114, 77

 30, 89, 52

 6, 66, 29

 0, 44, 23

 0, 25, 25

 0, 0, 0

 102, 166, 125

 119, 166, 136

■ 69, 166, 104

■ 135, 166, 146

■ 52, 166, 93

■ 152, 166, 157

■ 36, 166, 83

■ 167, 166, 168

■ 19, 166, 72

■ 173, 166, 185

■ 2, 166, 61

■ 179, 166, 202

■ 0, 166, 60

■ 185, 166, 218

■ 191, 166, 235

■ 197, 166, 251

Harmonies

Analogous

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



119, 177, 93



102, 166, 125



104, 155, 172

Triad

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



102, 166, 125



55, 121, 214



218, 133, 157

Complementary

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



102, 166, 125



125, 102, 166

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.



200, 138, 189



102, 166, 125



114, 146, 222

Square

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



102, 166, 125



8, 95, 191



164, 149, 212



219, 137, 125

Rectangle

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



102, 166, 125



75, 132, 174



164, 149, 212



214, 133, 168

Sweetspot

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



102, 166, 125



191, 217, 201



166, 136, 102



94, 110, 100



237, 237, 237



110, 110, 110

Same Dimension

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



102, 166, 125



117, 217, 153



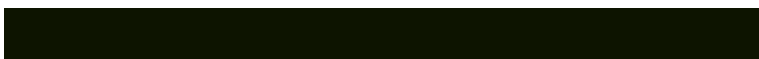
102, 166, 156



76, 84, 79



0, 148, 53



0, 20, 7

Inverse Universe

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



125, 102, 166



153, 117, 217



156, 102, 166



79, 76, 84



53, 0, 148



7, 0, 20

Previews

White Background



This preview shows how the RYB color 102, 166, 125 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 102, 166, 125 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

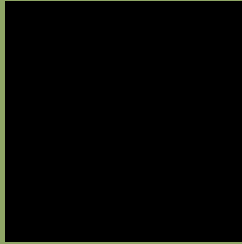
Any Text WCAG AA ✓ Pass

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 102, 166, 125 Background



This preview shows how black text looks on a background with the RYB color 102, 166, 125.

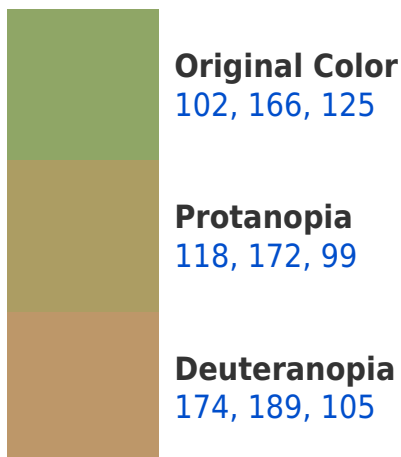


This preview shows how white text looks on a background with the RYB color 102, 166, 125.

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
152, 157, 170

Trichromacy



Original Color
102, 166, 125

Protanomaly
101, 161, 100

Deuteranomaly
125, 172, 104

Tritanomaly
145, 161, 157

Monochromacy



Original Color
102, 166, 125

Achromatopsia
152, 152, 152

Achromatomaly
134, 157, 142

CSS Examples

Text

The CSS property to change the color of the text to RYB 102, 166, 125 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(143, 166, 102)` looks like.

```
.text, #text, p{  
    color:rgb(143, 166, 102)  
}
```

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(143, 166, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 166, 102) }
```

Border

The CSS property to change the border of an element to RYB 102, 166, 125 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(143, 166, 102) }
```

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

```
.border{ border-color:rgb(143, 166, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 166, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 166, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 166, 102);  
box-shadow:4px 4px 4px 4px rgb(143, 166,  
102) }
```

Background

The CSS property to change the background color of an element to RYB 102, 166, 125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 166, 102) }
```

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

```
.background{ background-color: rgb(143,  
166, 102) }
```

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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