

Converting Colors

`RYB(0, 98, 162)`

Have a look what the booklet for
RYB(0, 98, 162) contains.

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Color

R_YB(0, 98, 162)

Conversions

Conversions Part 1

Format	Color
Hex	00A26A
RGB	0, 162, 106
RGB Percent	0%, 64%, 42%
CMY	1.0000, 0.3647, 0.5851
CMYK	1.00, 0.00, 0.35, 0.36
HSL	159°, 100%, 32%
HSV	159°, 100%, 64%
XYZ	15.5112, 26.8770, 17.9504
YIQ	107.1780, -78.5760, -51.7600

Conversions

Conversions Part 2

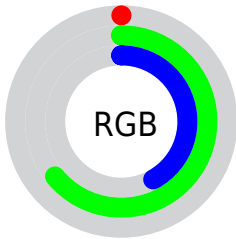
Format	Color
RYB	0, 98, 162
Decimal	41578
CIELab	58.86, -49.44, 19.40
CIELCh	59, 53.109, 158.569
Yxy	26.8770, 0.2571, 0.4454
Android (android.graphics.Color)	4278231658 (0xFF00A26A)
YUV	107.1780, -0.5808, -93.9951
Hunter-Lab	51.8431, -37.3188, 15.7613

Details

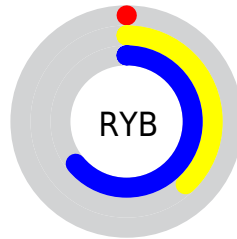
The RYB color **0, 98, 162** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **162, 0, 56**, and the grayscale version is **107, 107, 107**.

A 20% lighter version of the original color is **89, 173, 218**, and **0, 71, 109** is the 20% darker color. If you saturate the color by 10%, you get **0, 98, 162**, and if you desaturate by 10%, it is **16, 104, 162**.

Distribution



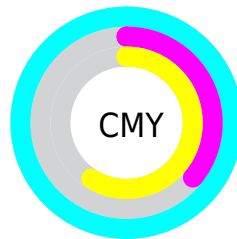
- Red (0%)
- Green (64%)
- Blue (42%)



- Red (0%)
- Yellow (38%)
- Blue (64%)



- Cyan (100%)
- Magenta (0%)
- Yellow (35%)
- Black (36%)



- Cyan (100%)
- Magenta (36%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the RYB color 0, 98, 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 0, 98, 162 by changing the saturation by 10% instead.

 0, 98, 162

 0, 98, 162

255, 255, 255

 0, 84, 135

 89, 173, 218

 0, 71, 109

 120, 204, 247

 0, 59, 84

 149, 215, 255

 0, 47, 59

 179, 221, 255


 0, 37, 37


 209, 232, 255


 0, 0, 0


 239, 247, 255


 0, 98, 162


 16, 104, 162


 32, 111, 162


 49, 117, 162


 65, 124, 162

 81, 130, 162

 97, 136, 162

 113, 143, 162

 130, 149, 162

 146, 156, 162

Harmonies

Analogous

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



64, 155, 115



0, 98, 162



0, 85, 164

Triad

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



0, 98, 162



75, 122, 234



220, 114, 86

Complementary

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



0, 98, 162



162, 0, 56

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.



227, 99, 130



0, 98, 162



162, 124, 215

Square

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



0, 98, 162



0, 93, 228



209, 106, 177



179, 194, 52

Rectangle

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



0, 98, 162



0, 87, 185



209, 106, 177



225, 104, 100

Sweetspot

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



0, 98, 162



148, 187, 212



0, 162, 105



69, 92, 107



235, 235, 235



107, 107, 107

Same Dimension

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



0, 98, 162



0, 128, 212



0, 75, 162



73, 78, 82



0, 88, 145



0, 11, 18

Inverse Universe

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



162, 0, 56



212, 0, 73



162, 28, 0



82, 73, 76



145, 0, 50



18, 0, 6

Previews

White Background



This preview shows how the RYB color 0, 98, 162 looks on a white background.

Color Contrast Check

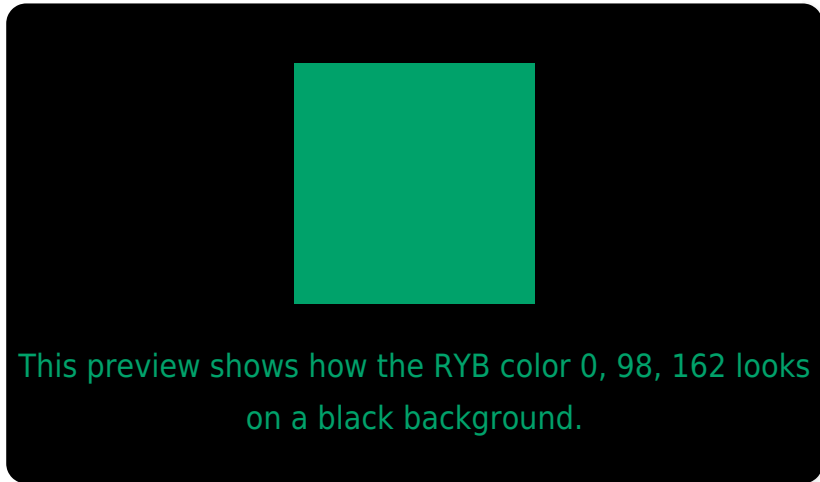
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 0, 98, 162 Background



This preview shows how black text looks on a background with the RYB color 0, 98, 162.

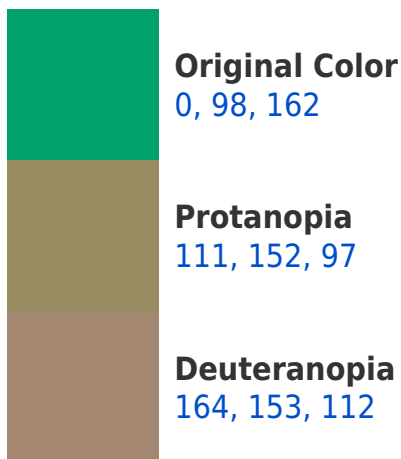


This preview shows how white text looks on a background with the RYB color 0, 98, 162.

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





Tritanopia
57, 109, 167

Trichromacy



Original Color

0, 98, 162



Protanomaly

97, 146, 149



Deuteranomaly

104, 140, 145



Tritanomaly

36, 100, 157

Monochromacy



Original Color

0, 98, 162



Achromatopsia

107, 107, 107



Achromatomaly

68, 104, 127

CSS Examples

Text

The CSS property to change the color of the text to RYB 0, 98, 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(0, 162, 106)` looks like.

```
.text, #text, p{  
    color:rgb(0, 162, 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(0, 162, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 162, 106) }
```

Border

The CSS property to change the border of an element to RYB 0, 98, 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(0, 162, 106) }
```

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

```
.border{ border-color:rgb(0, 162, 106) }
```

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

Here you see how a box with a 4 pixel rgb(0, 162, 106) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 162, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 162, 106);  
box-shadow:4px 4px 4px 4px rgb(0, 162,  
106) }
```

Background

The CSS property to change the background color of an element to RGB 0, 98, 162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 162, 106) }
```

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

```
.background{ background-color: rgb(0, 162,  
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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