

Converting Colors

`RYB(0, 136, 141)`

Have a look what the booklet for
RYB(0, 136, 141) contains.

RYB(0, 136, 141)	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

`RYB(0, 136, 141)`

Conversions

Conversions Part 1

Format	Color
Hex	008D05
RGB	0, 141, 5
RGB Percent	0%, 55%, 2%
CMY	1.0000, 0.4471, 0.9797
CMYK	1.00, 0.00, 0.96, 0.45
HSL	122°, 100%, 28%
HSV	122°, 100%, 55%
XYZ	9.5533, 19.0611, 3.3245
YIQ	83.3370, -40.3800, -72.1880

Conversions

Conversions Part 2

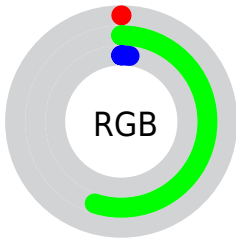
Format	Color
RYB	0, 136, 141
Decimal	36101
CIELab	50.76, -55.28, 52.59
CIELCh	51, 76.299, 136.427
Yxy	19.0611, 0.2991, 0.5968
Android (android.graphics.Color)	4278226181 (0xFF008D05)
YUV	83.3370, -38.6201, -73.0865
Hunter-Lab	43.6590, -37.3447, 26.0466

Details

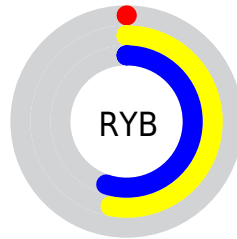
The RYB color **0, 136, 141** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **141, 0, 136**, and the grayscale version is **84, 84, 84**.

A 20% lighter version of the original color is **69, 196, 179**, and **0, 89, 89** is the 20% darker color. If you saturate the color by 10%, you get **0, 136, 141**, and if you desaturate by 10%, it is **14, 136, 141**.

Distribution



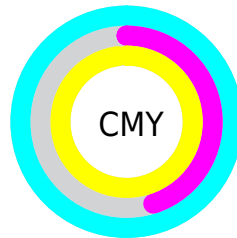
- Red (0%)
- Green (55%)
- Blue (2%)



- Red (0%)
- Yellow (53%)
- Blue (55%)



- Cyan (100%)
- Magenta (0%)
- Yellow (96%)
- Black (45%)




- Cyan (100%)
- Magenta (45%)
- Yellow (98%)

Brightness & Saturation Gradients


These gradients show how the RYB color 0, 136, 141 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, 136, 141 by changing the saturation by 10% instead.

 0, 136, 141

 0, 136, 141

255, 255, 255

 0, 115, 115

 69, 196, 179

 0, 89, 89

 96, 224, 204

 0, 64, 64

 122, 253, 230

 0, 42, 42

 150, 255, 231

 0, 5, 5


 177, 255, 228

 0, 0, 0


 206, 255, 227


 235, 255, 235


 0, 136, 141


 14, 136, 141


 28, 137, 141

 42, 137, 141


 56, 137, 141

 71, 139, 141

 85, 139, 141

 99, 140, 141

 113, 140, 141

 127, 141, 141

Harmonies

Analogous

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



0, 129, 16



0, 136, 141



0, 92, 147

Triad

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



0, 136, 141



0, 88, 249



232, 34, 88

Complementary

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



0, 136, 141



141, 0, 136

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.



220, 40, 153



0, 136, 141



0, 79, 247

Square

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



0, 136, 141



0, 87, 215



166, 83, 212



213, 93, 23

Rectangle

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



0, 136, 141



0, 78, 148



166, 83, 212



232, 26, 110

Sweetspot

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



0, 136, 141



129, 182, 184



0, 141, 5



59, 91, 92



219, 219, 219



92, 92, 92

Same Dimension

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



0, 136, 141



0, 177, 184



0, 92, 141



64, 70, 71



0, 130, 135



0, 8, 8

Inverse Universe

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



141, 0, 136



184, 0, 177



141, 0, 66



71, 64, 71



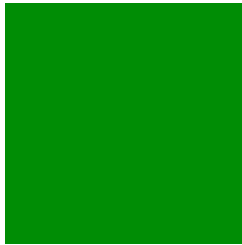
135, 0, 130



8, 0, 7

Previews

White Background



This preview shows how the RYB color 0, 136, 141 looks on a white background.

Color Contrast Check

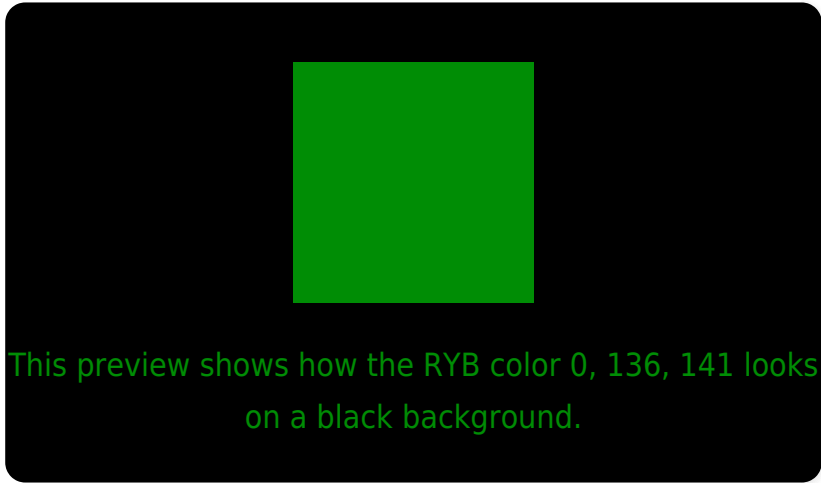
Large Text (above 18pt) WCAG AA ✓ Pass

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, 136, 141 Background



This preview shows how black text looks on a background with the RYB color 0, 136, 141.



This preview shows how white text looks on a background with the RYB color 0, 136, 141.

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
0, 136, 141

Protanopia
17, 136, 0

Deuteranopia
84, 151, 31



Tritanopia
59, 98, 142

Trichromacy



Original Color

0, 136, 141



Protanomaly

2, 128, 43



Deuteranomaly

22, 124, 50



Tritanomaly

38, 100, 135

Monochromacy



Original Color

0, 136, 141



Achromatopsia

83, 83, 83



Achromatomaly

53, 102, 104

CSS Examples

Text

The CSS property to change the color of the text to RYB 0, 136, 141 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, 141, 5)` looks like.

```
.text, #text, p{  
    color:rgb(0, 141, 5)  
}
```

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, 141, 5) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 141, 5) }
```

Border

The CSS property to change the border of an element to RYB 0, 136, 141 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, 141, 5) }
```

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

```
.border{ border-color:rgb(0, 141, 5) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 141, 5)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 141, 5); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 141, 5); box-shadow:4px  
4px 4px 4px rgb(0, 141, 5) }
```

Background

The CSS property to change the background color of an element to RYB 0, 136, 141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 141, 5) }
```

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

```
.background{ background-color: rgb(0, 141,  
5) }
```

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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