

Converting Colors

`RYB(0, 150, 135)`

Have a look what the booklet for
RYB(0, 150, 135) contains.

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Color

`RYB(0, 150, 135)`

Conversions

Conversions Part 1

Format	Color
Hex	0F9600
RGB	15, 150, 0
RGB Percent	6%, 59%, 0%
CMY	0.9412, 0.4118, 1.0000
CMYK	0.90, 0.00, 1.00, 0.41
HSL	114°, 100%, 29%
HSV	114°, 100%, 59%
XYZ	11.1033, 21.9143, 3.6447
YIQ	92.5350, -32.3100, -75.2700

Conversions

Conversions Part 2

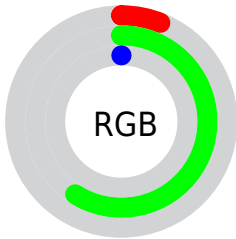
Format	Color
RYB	0, 150, 135
Decimal	1021440
CIELab	53.94, -57.02, 56.12
CIELCh	54, 80.010, 135.457
Yxy	21.9143, 0.3029, 0.5977
Android (android.graphics.Color)	4279211520 (0xFF0F9600)
YUV	92.5350, -45.6198, -67.9982
Hunter-Lab	46.8127, -39.5843, 28.1528

Details

The RYB color **0, 150, 135** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **135, 0, 150**, and the grayscale version is **93, 93, 93**.

A 20% lighter version of the original color is **69, 205, 181**, and **0, 97, 97** is the 20% darker color. If you saturate the color by 10%, you get **0, 150, 135**, and if you desaturate by 10%, it is **15, 150, 136**.

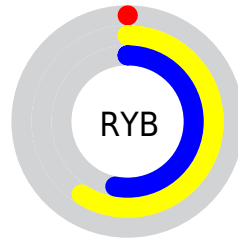
Distribution



Red (6%)

Green (59%)

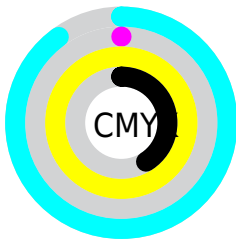
Blue (0%)



Red (0%)

Yellow (59%)

Blue (53%)

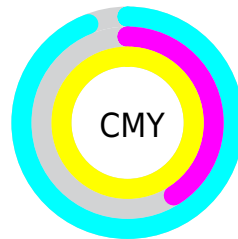


Cyan (90%)

Magenta (0%)

Yellow (100%)

Black (41%)



Cyan (94%)

Magenta (41%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the RYB color 0, 150, 135 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, 150, 135 by changing the saturation by 10% instead.

 0, 150, 135

 0, 150, 135

255, 255, 255

 0, 123, 123

 69, 205, 181

 0, 97, 97

 96, 234, 207

 0, 72, 72

 123, 255, 226

 0, 50, 50

 151, 255, 224

 0, 22, 22


 179, 255, 222


 0, 0, 0


 207, 255, 220


 236, 255, 236


 0, 150, 135


 15, 150, 136

 30, 150, 138


 45, 150, 139

 60, 150, 141

 75, 150, 142

 90, 150, 144

 105, 150, 145

 120, 150, 147

 135, 150, 148

Harmonies

Analogous

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



0, 137, 14



0, 150, 135



0, 98, 156

Triad

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



0, 150, 135



0, 93, 255



247, 35, 97

Complementary

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



0, 150, 135



135, 0, 150

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.



233, 45, 166



0, 150, 135



0, 84, 255

Square

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



0, 150, 135



0, 92, 227



174, 90, 227



228, 95, 28

Rectangle

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



0, 150, 135



0, 84, 158



174, 90, 227



247, 28, 120

Sweetspot

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



0, 150, 135



136, 194, 189



17, 150, 0



62, 97, 93



224, 224, 224



97, 97, 97

Same Dimension

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



0, 150, 135



0, 194, 175



0, 107, 150



67, 74, 74



0, 138, 124



0, 10, 9

Inverse Universe

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



135, 0, 150



174, 0, 194



150, 0, 90



73, 67, 74



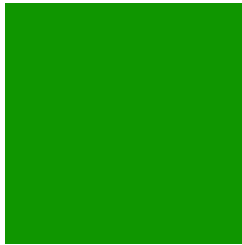
124, 0, 138



9, 0, 10

Previews

White Background



This preview shows how the RYB color 0, 150, 135 looks on a white background.

Color Contrast Check

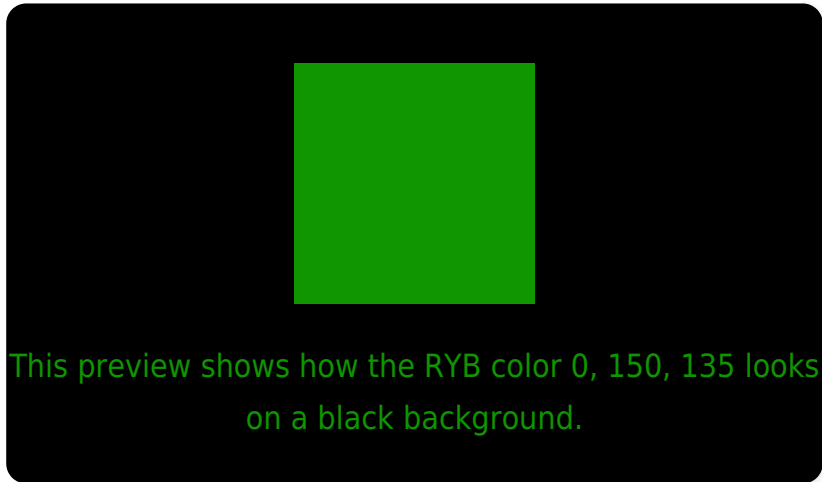
Large Text (above 18pt) WCAG AA ✓ Pass

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](#).

R Y B 0, 150, 135 Background



This preview shows how black text looks on a background with the R Y B color 0, 150, 135.



This preview shows how white text looks on a background with the R Y B color 0, 150, 135.

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, 150, 135

Protanopia
18, 145, 0

Deuteranopia
88, 161, 32



Tritanopia
64, 104, 151

Trichromacy



Original Color

0, 150, 135



Protanomaly

0, 137, 39



Deuteranomaly

20, 132, 44



Tritanomaly

46, 110, 143

Monochromacy



Original Color

0, 150, 135



Achromatopsia

93, 93, 93



Achromatomaly

59, 114, 108

CSS Examples

Text

The CSS property to change the color of the text to RYB 0, 150, 135 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(15, 150, 0)` looks like.

```
.text, #text, p{  
    color:rgb(15, 150, 0)  
}
```

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(15, 150, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 150, 0) }
```

Border

The CSS property to change the border of an element to RYB 0, 150, 135 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(15, 150, 0) }
```

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

```
.border{ border-color:rgb(15, 150, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(15, 150, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(15, 150, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(15, 150, 0);  
box-shadow:4px 4px 4px 4px rgb(15, 150, 0)  
}
```

Background

The CSS property to change the background color of an element to RYB 0, 150, 135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(15, 150, 0) }
```

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

```
.background{ background-color: rgb(15, 150,  
0) }
```

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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