

Converting Colors

`RYB(126, 145, 126)`

Have a look what the booklet for
RYB(126, 145, 126) contains.

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Color

R_YB(126, 145, 126)

Conversions

Conversions Part 1

Format	Color
Hex	91917E
RGB	145, 145, 126
RGB Percent	57%, 57%, 49%
CMY	0.4314, 0.4314, 0.5059
CMYK	0.00, 0.00, 0.13, 0.43
HSL	60°, 8%, 53%
HSV	60°, 13%, 57%
XYZ	25.5683, 27.7769, 23.7525
YIQ	142.8340, 6.0990, -5.9090

Conversions

Conversions Part 2

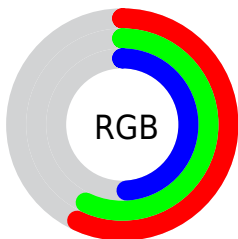
Format	Color
R_{YB}	126, 145, 126
Decimal	9539966
CIE _{Lab}	59.69, -3.47, 10.10
CIE _{LCh}	60, 10.676, 108.948
Yxy	27.7769, 0.3316, 0.3603
Android (android.graphics.Color)	4287730046 (0xFF91917E)
YUV	142.8340, -8.2992, 1.8996
Hunter-Lab	52.7038, -5.6354, 10.1718

Details

The RYB color **126, 145, 126** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **126, 126, 145**, and the grayscale version is **143, 143, 143**.

A 20% lighter version of the original color is **179, 199, 179**, and **77, 95, 78** is the 20% darker color. If you saturate the color by 10%, you get **112, 145, 112**, and if you desaturate by 10%, it is **141, 145, 141**.

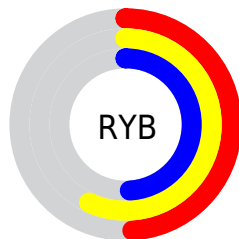
Distribution



Red (57%)

Green (57%)

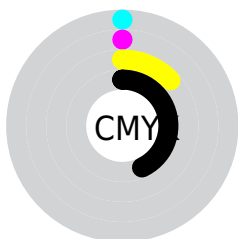
Blue (49%)



Red (49%)

Yellow (57%)

Blue (49%)

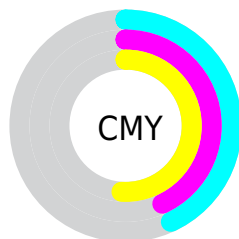


Cyan (0%)

Magenta (0%)

Yellow (13%)

Black (43%)



Cyan (43%)

Magenta (43%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the RYB color 126, 145, 126 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, 145, 126 by changing the saturation by 10% instead.


 126, 145, 126


255, 255, 255

 179, 199, 179


 206, 227, 206

 234, 255, 234

 126, 145, 126

 101, 119, 101

 77, 95, 78

 54, 71, 54


 33, 49, 34

 10, 28, 10


 0, 0, 0

 126, 145, 126

 112, 145, 112

 97, 145, 97

 126, 145, 126

 141, 145, 141

 145, 145, 155

■ 83, 145, 83

■ 145, 145, 170

■ 68, 145, 68

■ 145, 145, 184

■ 54, 145, 54

■ 145, 145, 198

■ 39, 145, 39

■ 145, 145, 213

■ 25, 145, 25

■ 145, 145, 228

■ 10, 145, 10

■ 145, 145, 242

■ 0, 145, 0

■ 145, 145, 255

Harmonies

Analogous

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



150, 155, 126



126, 145, 126



131, 148, 145

Triad

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



126, 145, 126



122, 137, 158



161, 138, 148

Complementary

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



126, 145, 126



126, 126, 145

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.



153, 140, 156



126, 145, 126



130, 141, 162

Square

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



126, 145, 126



120, 135, 149



141, 143, 161



164, 138, 138

Rectangle

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



126, 145, 126



128, 143, 149



141, 143, 161



159, 138, 151

Sweetspot

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



126, 145, 126



181, 189, 181



145, 126, 126



90, 94, 90



222, 222, 222



94, 94, 94

Same Dimension

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



126, 145, 126



159, 189, 159



126, 145, 135



64, 71, 64



0, 135, 0



0, 8, 0

Inverse Universe

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



126, 126, 145



159, 159, 189



136, 126, 145



64, 64, 71



0, 0, 135



0, 0, 8

Previews

White Background



This preview shows how the RYB color 126, 145, 126 looks on a white background.

Color Contrast Check

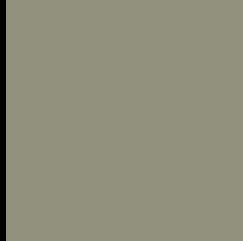
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 126, 145, 126 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

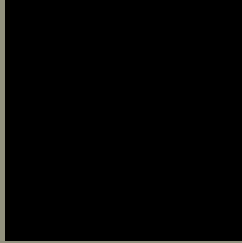
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

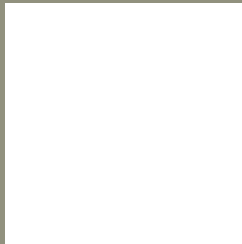
Any Text WCAG AAA × Fail

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

R Y B 126, 145, 126 Background



This preview shows how black text looks on a background with the RYB color 126, 145, 126.



This preview shows how white text looks on a background with the RYB color 126, 145, 126.

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, 145, 126

Protanopia

137, 151, 125

Deuteranopia

164, 143, 127



Tritanopia
149, 141, 152

Trichromacy



Original Color

126, 145, 126

Protanomaly

131, 149, 125

Deuteranomaly

157, 153, 127

Tritanomaly

148, 142, 143

Monochromacy



Original Color

126, 145, 126

Achromatopsia

143, 143, 143

Achromatomaly

137, 144, 137

CSS Examples

Text

The CSS property to change the color of the text to RYB 126, 145, 126 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(145, 145, 126) looks like.

```
.text, #text, p{  
    color:rgb(145, 145, 126)  
}
```

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(145, 145, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 145, 126) }
```

Border

The CSS property to change the border of an element to RYB 126, 145, 126 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(145, 145, 126) }
```

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

```
.border{ border-color:rgb(145, 145, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 145, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 145, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 145, 126);  
box-shadow:4px 4px 4px 4px rgb(145, 145,  
126) }
```

Background

The CSS property to change the background color of an element to RYB 126, 145, 126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 145, 126) }
```

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

```
.background{ background-color: rgb(145,  
145, 126) }
```

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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