

Converting Colors

`RYB(81, 125, 126)`

Have a look what the booklet for
RYB(81, 125, 126) contains.

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Color

`RYB(81, 125, 126)`

Conversions

Conversions Part 1

Format	Color
Hex	517E52
RGB	81, 126, 82
RGB Percent	32%, 49%, 32%
CMY	0.6824, 0.5059, 0.6783
CMYK	0.36, 0.00, 0.35, 0.51
HSL	121°, 22%, 41%
HSV	121°, 36%, 49%
XYZ	12.3780, 17.2806, 10.6703
YIQ	107.5290, -12.6960, -23.2240

Conversions

Conversions Part 2

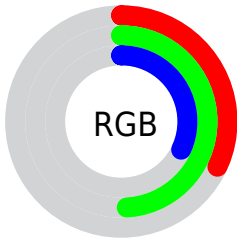
Format	Color
RYB	81, 125, 126
Decimal	5340754
CIELab	48.61, -25.06, 19.19
CIElCh	49, 31.563, 142.553
Yxy	17.2806, 0.3069, 0.4285
Android (android.graphics.Color)	4283530834 (0xFF517E52)
YUV	107.5290, -12.5858, -23.2659
Hunter-Lab	41.5699, -19.5964, 13.8802

Details

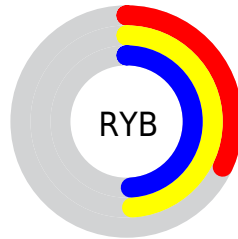
The RYB color **81, 125, 126** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **126, 81, 125**, and the grayscale version is **108, 108, 108**.

A 20% lighter version of the original color is **132, 179, 179**, and **32, 73, 77** is the 20% darker color. If you saturate the color by 10%, you get **68, 124, 126**, and if you desaturate by 10%, it is **94, 126, 126**.

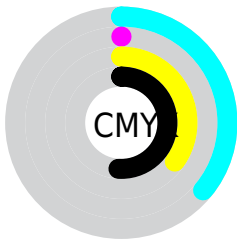
Distribution



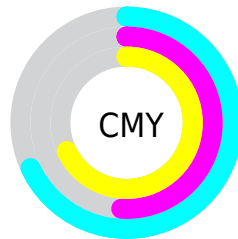
- Red (32%)
- Green (49%)
- Blue (32%)



- Red (32%)
- Yellow (49%)
- Blue (49%)



- Cyan (36%)
- Magenta (0%)
- Yellow (35%)
- Black (51%)



- Cyan (68%)
- Magenta (51%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the RYB color 81, 125, 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 81, 125, 126 by changing the saturation by 10% instead.



81, 125, 126



81, 125, 126

255, 255, 255



57, 99, 101



132, 179, 179



32, 73, 77



158, 207, 206



6, 45, 53



185, 235, 234



0, 33, 33



213, 255, 254



0, 0, 0



241, 255, 253



81, 125, 126



81, 125, 126



68, 124, 126



94, 126, 126



56, 125, 126



106, 125, 126

■ 43, 124, 126

■ 119, 126, 126

■ 31, 124, 126

■ 131, 126, 131

■ 18, 124, 126

■ 144, 126, 144

■ 5, 123, 126

■ 157, 126, 156

■ 0, 123, 126

■ 169, 126, 168

■ 182, 126, 181

■ 194, 126, 193

Harmonies

Analogous

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



65, 120, 73



81, 125, 126



42, 91, 129

Triad

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



81, 125, 126



61, 99, 168



167, 95, 96

Complementary

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



81, 125, 126



126, 81, 125

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.



162, 95, 123



81, 125, 126



108, 111, 165

Square

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



81, 125, 126



0, 70, 157



142, 101, 148



158, 116, 74

Rectangle

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



81, 125, 126



0, 66, 130



142, 101, 148



167, 94, 105

Sweetspot

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



81, 125, 126



145, 162, 163



81, 126, 82



71, 82, 82



209, 209, 209



82, 82, 82

Same Dimension

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



81, 125, 126



93, 161, 163



81, 111, 126



57, 63, 64



0, 125, 128



0, 0, 0

Inverse Universe

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



126, 81, 125



163, 93, 162



126, 81, 103



64, 57, 64



128, 0, 125



0, 0, 0

Previews

White Background



This preview shows how the RYB color 81, 125, 126 looks on a white 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

Black Background



This preview shows how the RYB color 81, 125, 126 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

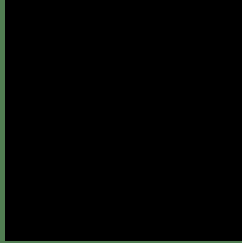
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

RYB 81, 125, 126 Background



This preview shows how black text looks on a background with the RYB color 81, 125, 126.



This preview shows how white text looks on a background with the RYB color 81, 125, 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
[81](#), [125](#), [126](#)

Protanopia
[90](#), [125](#), [77](#)

Deuteranopia
[136](#), [132](#), [86](#)



Tritanopia
90, 107, 130

Trichromacy



Original Color

81, 125, 126

Protanomaly

79, 119, 89

Deuteranomaly

85, 116, 85

Tritanomaly

87, 107, 122

Monochromacy



Original Color

81, 125, 126

Achromatopsia

108, 108, 108

Achromatomaly

98, 114, 115

CSS Examples

Text

The CSS property to change the color of the text to RYB 81, 125, 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(81, 126, 82)` looks like.

```
.text, #text, p{  
    color:rgb(81, 126, 82)  
}
```

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(81, 126, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 126, 82) }
```

Border

The CSS property to change the border of an element to RYB 81, 125, 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(81, 126, 82) }
```

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

```
.border{ border-color:rgb(81, 126, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 126, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 126, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 126, 82);  
box-shadow:4px 4px 4px 4px rgb(81, 126,  
82) }
```

Background

The CSS property to change the background color of an element to RGB 81, 125, 126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 126, 82) }
```

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

```
.background{ background-color: rgb(81, 126,  
82) }
```

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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