

Converting Colors

RGB(64, 126, 126)

Have a look what the booklet for
RGB(64, 126, 126) contains.

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Color

RGB(64, 126, 126)

Conversions

Conversions Part 1

Format	Color
Hex	407E7E
RGB	64, 126, 126
RGB Percent	25%, 49%, 49%
CMY	0.7490, 0.5059, 0.5059
CMYK	0.49, 0.00, 0.00, 0.51
HSL	180°, 33%, 37%
HSV	180°, 49%, 49%
XYZ	13.3411, 17.5181, 22.4168
YIQ	107.4620, -36.9520, -13.1440

Conversions

Conversions Part 2

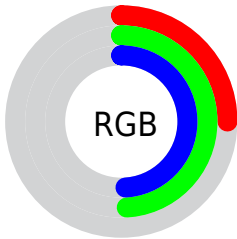
Format	Color
RYB	64, 95, 126
Decimal	4226686
CIELab	48.91, -19.92, -6.19
CIELCh	49, 20.859, 197.259
Yxy	17.5181, 0.2504, 0.3288
Android (android.graphics.Color)	4282416766 (0xFF407E7E)
YUV	107.4620, 9.1392, -38.1162
Hunter-Lab	41.8546, -16.3488, -2.4568

Details

The RGB color **64, 126, 126** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **126, 64, 64**, and the grayscale version is **107, 107, 107**.

A 20% lighter version of the original color is **117, 179, 179**, and **1, 77, 77** is the 20% darker color. If you saturate the color by 10%, you get **51, 126, 126**, and if you desaturate by 10%, it is **77, 126, 126**.

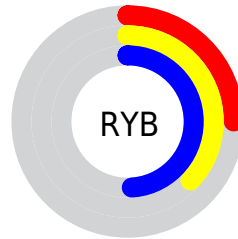
Distribution



Red (25%)

Green (49%)

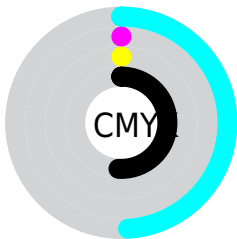
Blue (49%)



Red (25%)

Yellow (37%)

Blue (49%)

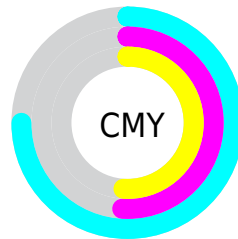


Cyan (49%)

Magenta (0%)

Yellow (0%)

Black (51%)



Cyan (75%)

Magenta (51%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the RGB color 64, 126, 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 RGB color 64, 126, 126 by changing the saturation by 10% instead.



64, 126, 126



64, 126, 126

255, 255, 255



37, 101, 101



117, 179, 179



1, 77, 77



144, 207, 206



0, 54, 54



171, 235, 234



0, 33, 33



199, 255, 255



0, 0, 10



228, 255, 255



0, 0, 0



64, 126, 126



64, 126, 126



51, 126, 126



77, 126, 126



39, 126, 126



89, 126, 126

■ 26, 126, 126

■ 102, 126, 126

■ 14, 126, 126

■ 114, 126, 126

■ 1, 126, 126

■ 127, 126, 126

■ 0, 126, 126

■ 140, 126, 126

■ 152, 126, 126

■ 165, 126, 126

■ 177, 126, 126

Harmonies

Analogous

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



78, 126, 108



64, 126, 126



65, 124, 142

Triad

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



64, 126, 126



131, 108, 140



136, 112, 82

Complementary

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



64, 126, 126



126, 64, 64

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.



148, 107, 91



64, 126, 126



146, 104, 124

Square

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



64, 126, 126



108, 114, 150



152, 103, 107



118, 118, 82

Rectangle

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



64, 126, 126



76, 122, 148



152, 103, 107



140, 110, 84

Sweetspot

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



64, 126, 126



139, 163, 163



64, 126, 64



67, 82, 82



209, 209, 209



82, 82, 82

Same Dimension

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



64, 126, 126



67, 163, 163



64, 95, 126



57, 64, 64



0, 128, 128



0, 0, 0

Inverse Universe

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



126, 64, 126



163, 67, 163



126, 95, 64



64, 57, 64



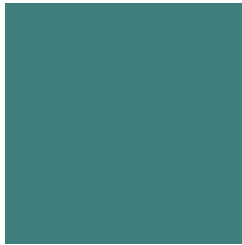
128, 0, 128



0, 0, 0

Previews

White Background



This preview shows how the RGB color 64, 126, 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 RGB color 64, 126, 126 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

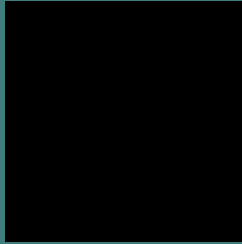
Any Text WCAG AA ✓ Pass

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](#).

RGB 64, 126, 126 Background



This preview shows how black text looks on a background with the RGB color 64, 126, 126.



This preview shows how white text looks on a background with the RGB color 64, 126, 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
[64, 126, 126](#)

Protanopia
[117, 115, 119](#)

Deuteranopia
[121, 113, 129](#)



Tritanopia

67, 125, 135

Trichromacy



Original Color

64, 126, 126

Protanomaly

98, 119, 122

Deuteranomaly

100, 118, 128

Tritanomaly

66, 125, 132

Monochromacy



Original Color

64, 126, 126

Achromatopsia

107, 107, 107

Achromatomaly

91, 114, 114

CSS Examples

Text

The CSS property to change the color of the text to RGB 64, 126, 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(64, 126, 126)` looks like.

```
.text, #text, p{  
    color:rgb(64, 126, 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(64, 126, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 126, 126) }
```

Border

The CSS property to change the border of an element to RGB 64, 126, 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(64, 126, 126) }
```

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

```
.border{ border-color:rgb(64, 126, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 126, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 126, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 126, 126);  
box-shadow:4px 4px 4px 4px rgb(64, 126,  
126) }
```

Background

The CSS property to change the background color of an element to RGB 64, 126, 126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 126, 126) }
```

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

```
.background{ background-color: rgb(64, 126,  
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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