

Converting Colors

`RYB(126, 150, 164)`

Have a look what the booklet for
RYB(126, 150, 164) contains.

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Color

R_YB(126, 150, 164)

Conversions

Conversions Part 1

Format	Color
Hex	7EA494
RGB	126, 164, 148
RGB Percent	49%, 64%, 58%
CMY	0.5059, 0.3569, 0.4190
CMYK	0.23, 0.00, 0.10, 0.36
HSL	155°, 17%, 57%
HSV	155°, 23%, 64%
XYZ	27.2381, 33.1299, 33.0453
YIQ	150.8140, -17.5120, -13.0320

Conversions

Conversions Part 2

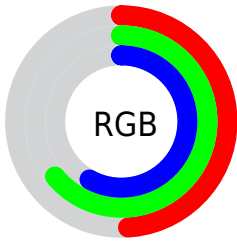
Format	Color
RYB	126, 150, 164
Decimal	8299668
CIELab	64.27, -16.33, 3.99
CIElCh	64, 16.806, 166.282
Yxy	33.1299, 0.2916, 0.3547
Android (android.graphics.Color)	4286489748 (0xFF7EA494)
YUV	150.8140, -1.3873, -21.7619
Hunter-Lab	57.5586, -16.2570, 6.2517

Details

The RYB color **126, 150, 164** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **164, 126, 142**, and the grayscale version is **151, 151, 151**.

A 20% lighter version of the original color is **179, 204, 219**, and **76, 99, 112** is the 20% darker color. If you saturate the color by 10%, you get **110, 144, 164**, and if you desaturate by 10%, it is **142, 156, 164**.

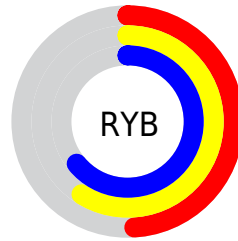
Distribution



Red (49%)

Green (64%)

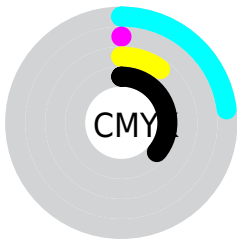
Blue (58%)



Red (49%)

Yellow (59%)

Blue (64%)

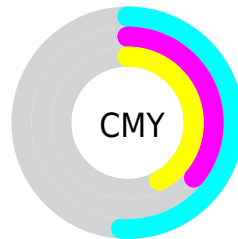


Cyan (23%)

Magenta (0%)

Yellow (10%)

Black (36%)



Cyan (51%)

Magenta (36%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the RYB color 126, 150, 164 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, 150, 164 by changing the saturation by 10% instead.

 126, 150, 164


255, 255, 255

 179, 204, 219

 207, 233, 248

 235, 245, 255

 126, 150, 164


 101, 125, 138

 76, 98, 112

 52, 74, 88

 29, 50, 64

 6, 28, 42


 0, 19, 23


 0, 0, 0

 126, 150, 164


 110, 144, 164

 126, 150, 164


 142, 156, 164


 93, 138, 164


 159, 162, 164

 77, 132, 164


 175, 164, 169

 60, 126, 164


 192, 164, 176


 44, 120, 164

 208, 164, 182

 28, 114, 164

 224, 164, 189

 11, 108, 164

 241, 164, 196

 0, 103, 164

 255, 164, 203

 255, 164, 210

Harmonies

Analogous

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



135, 162, 155



126, 150, 164



116, 140, 164

Triad

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



126, 150, 164



150, 154, 184



184, 153, 135

Complementary

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



126, 150, 164



164, 126, 142

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.



187, 145, 148



126, 150, 164



168, 149, 177

Square

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



126, 150, 164



130, 149, 184



182, 146, 163



168, 174, 127

Rectangle

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



126, 150, 164



116, 142, 173



182, 146, 163



186, 149, 139

Sweetspot

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



126, 150, 164



199, 208, 214



126, 164, 148



99, 104, 107



235, 235, 235



107, 107, 107

Same Dimension

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



126, 150, 164



154, 192, 214



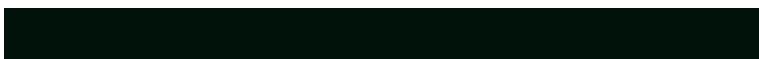
126, 144, 164



73, 79, 82



0, 91, 145



0, 12, 18

Inverse Universe

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



164, 126, 142



214, 154, 179



164, 129, 126



82, 73, 77



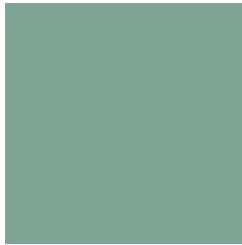
145, 0, 61



18, 0, 7

Previews

White Background



This preview shows how the RYB color 126, 150, 164 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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, 150, 164 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

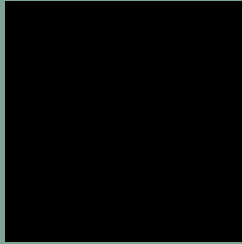
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

RYB 126, 150, 164 Background



This preview shows how black text looks on a background with the RYB color 126, 150, 164.



This preview shows how white text looks on a background with the RYB color 126, 150, 164.

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





Tritanopia
131, 148, 173

Trichromacy



Original Color

126, 150, 164

Protanomaly

145, 158, 155

Deuteranomaly

150, 155, 150

Tritanomaly

129, 146, 164

Monochromacy



Original Color

126, 150, 164

Achromatopsia

151, 151, 151

Achromatomaly

142, 151, 156

CSS Examples

Text

The CSS property to change the color of the text to RYB 126, 150, 164 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(126, 164, 148)` looks like.

```
.text, #text, p{  
    color:rgb(126, 164, 148)  
}
```

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(126, 164, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 164, 148) }
```

Border

The CSS property to change the border of an element to RYB 126, 150, 164 is called "border". The border property can be set on classes, ids or directly on the HTML element.

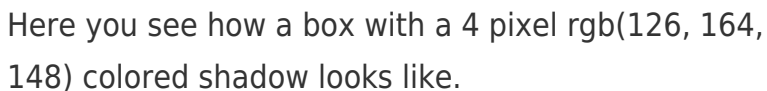
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(126, 164, 148) }
```

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

```
.border{ border-color:rgb(126, 164, 148) }
```

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



Here you see how a box with a 4 pixel `rgb(126, 164, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 164, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 164, 148);  
box-shadow:4px 4px 4px 4px rgb(126, 164,  
148) }
```

Background

The CSS property to change the background color of an element to RYB 126, 150, 164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 164, 148) }
```

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

```
.background{ background-color: rgb(126,  
164, 148) }
```

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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