

Converting Colors

`RYB(126, 146, 184)`

Have a look what the booklet for
RYB(126, 146, 184) contains.

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Color

R_YB(126, 146, 184)

Conversions

Conversions Part 1

Format	Color
Hex	7E9DB8
RGB	126, 157, 184
RGB Percent	49%, 62%, 72%
CMY	0.5059, 0.3862, 0.2784
CMYK	0.32, 0.15, 0.00, 0.28
HSL	208°, 29%, 61%
HSV	208°, 32%, 72%
XYZ	29.2329, 31.8503, 49.9544
YIQ	150.8090, -27.1430, 1.8250

Conversions

Conversions Part 2

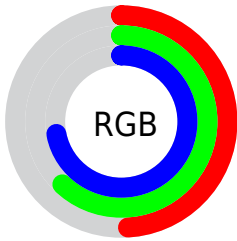
Format	Color
RYB	126, 146, 184
Decimal	8297912
CIELab	63.22, -3.96, -17.67
CIElCh	63, 18.106, 257.382
Yxy	31.8503, 0.2633, 0.2868
Android (android.graphics.Color)	4286487992 (0xFF7E9DB8)
YUV	150.8090, 16.3632, -21.7575
Hunter-Lab	56.4360, -6.3032, -12.9753

Details

The RYB color **126, 146, 184** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **184, 177, 126**, and the grayscale version is **150, 150, 150**.

A 20% lighter version of the original color is **180, 200, 240**, and **75, 95, 131** is the 20% darker color. If you saturate the color by 10%, you get **108, 134, 184**, and if you desaturate by 10%, it is **144, 158, 184**.

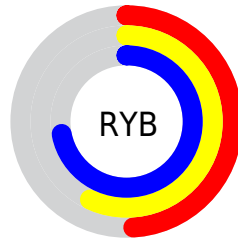
Distribution



Red (49%)

Green (62%)

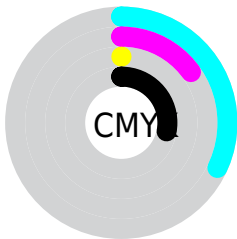
Blue (72%)



Red (49%)

Yellow (57%)

Blue (72%)

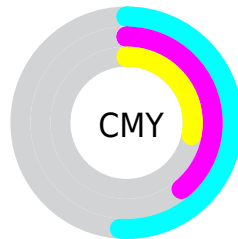


Cyan (32%)

Magenta (15%)

Yellow (0%)

Black (28%)



Cyan (51%)

Magenta (39%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the RYB color 126, 146, 184 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, 146, 184 by changing the saturation by 10% instead.

 126, 146, 184


255, 255, 255

 180, 200, 240

 208, 227, 255

 237, 246, 255

 126, 146, 184


 100, 120, 157

 75, 95, 131

 50, 70, 106

 24, 45, 81


 0, 23, 58

 0, 11, 37

 0, 1, 14

 0, 0, 0

 126, 146, 184

 126, 146, 184

■ 108, 134, 184

■ 144, 158, 184

■ 89, 122, 184

■ 163, 170, 184

■ 71, 110, 184

■ 181, 182, 184

■ 52, 98, 184

■ 200, 196, 184

■ 34, 86, 184

■ 218, 214, 184

■ 16, 74, 184

■ 236, 232, 184

■ 0, 64, 184

■ 255, 249, 184

■ 233, 255, 184

■ 212, 255, 184

Harmonies

Analogous

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



112, 139, 176



126, 146, 184



147, 151, 184

Triad

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



126, 146, 184



187, 142, 144



131, 159, 153

Complementary

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



126, 146, 184



184, 177, 126

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.



123, 156, 122



126, 146, 184



183, 151, 130

Square

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



126, 146, 184



181, 142, 161



161, 172, 122



120, 146, 162

Rectangle

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



126, 146, 184



161, 148, 179



161, 172, 122



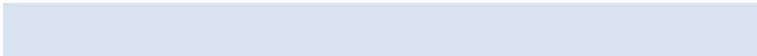
127, 158, 142

Sweetspot

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



126, 146, 184



218, 225, 240



126, 166, 184



107, 112, 120



247, 247, 247



120, 120, 120

Same Dimension

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



126, 146, 184



149, 180, 240



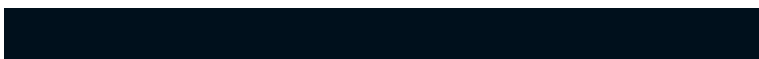
126, 128, 184



83, 86, 92



0, 54, 156



0, 10, 28

Inverse Universe

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



184, 126, 157



240, 149, 197



128, 184, 126



92, 83, 87



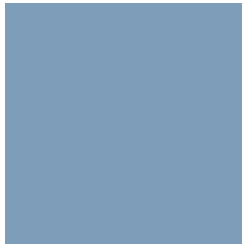
156, 0, 82



28, 0, 15

Previews

White Background



This preview shows how the RYB color 126, 146, 184 looks on a white background.

Color Contrast Check

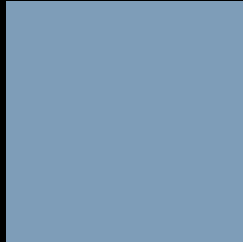
Large Text (above 18pt) WCAG AA × Fail

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, 146, 184 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

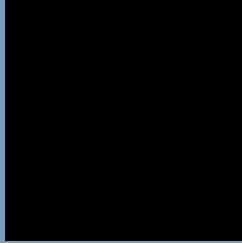
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

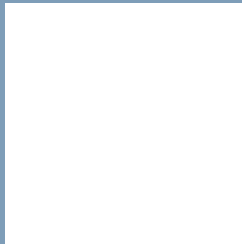
Any Text WCAG AAA ✓ Pass

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

RYB 126, 146, 184 Background



This preview shows how black text looks on a background with the RYB color 126, 146, 184.



This preview shows how white text looks on a background with the RYB color 126, 146, 184.

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](#).

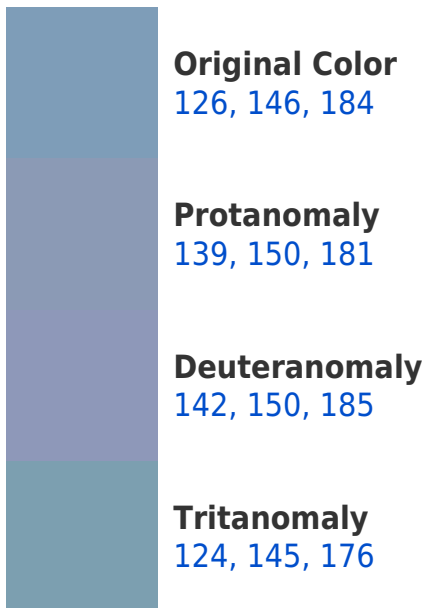
Dichromacy



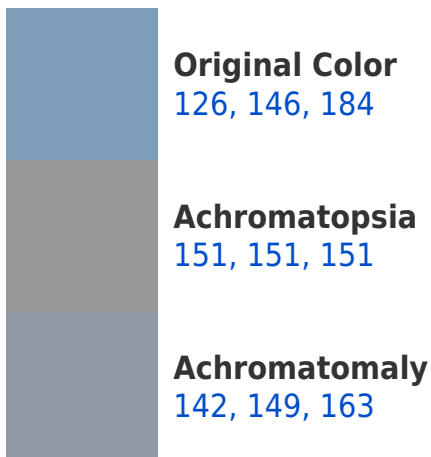


Tritanopia
123, 144, 171

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RYB 126, 146, 184 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, 157, 184)` looks like.

```
.text, #text, p{  
    color:rgb(126, 157, 184)  
}
```

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, 157, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 157, 184) }
```

Border

The CSS property to change the border of an element to RYB 126, 146, 184 is called "border". The border property can be set on classes, ids or directly on the HTML element.

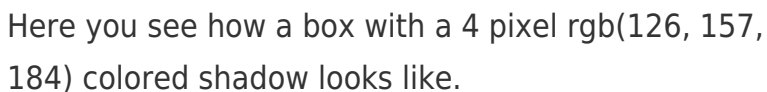
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(126, 157, 184) }
```

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

```
.border{ border-color:rgb(126, 157, 184) }
```

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



Here you see how a box with a 4 pixel `rgb(126, 157, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 157, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 157, 184);  
box-shadow:4px 4px 4px 4px rgb(126, 157,  
184) }
```

Background

The CSS property to change the background color of an element to RYB 126, 146, 184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 157, 184) }
```

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

```
.background{ background-color: rgb(126,  
157, 184) }
```

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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