

Converting Colors

`RYB(108, 126, 146)`

Have a look what the booklet for
RYB(108, 126, 146) contains.

RYB(108, 126, 146)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(108, 126, 146)

Conversions

Conversions Part 1

Format	Color
Hex	6C8E92
RGB	108, 142, 146
RGB Percent	42%, 56%, 57%
CMY	0.5765, 0.4424, 0.4275
CMYK	0.26, 0.03, 0.00, 0.43
HSL	186°, 15%, 50%
HSV	186°, 26%, 57%
XYZ	21.0754, 24.6690, 30.8449
YIQ	132.2900, -21.5480, -5.9640

Conversions

Conversions Part 2

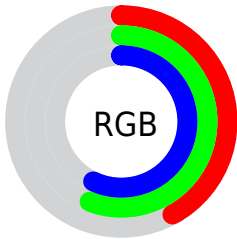
Format	Color
RYB	108, 126, 146
Decimal	7114386
CIELab	56.75, -10.95, -5.92
CIELCh	57, 12.448, 208.389
Yxy	24.6690, 0.2752, 0.3221
Android (android.graphics.Color)	4285304466 (0xFF6C8E92)
YUV	132.2900, 6.7590, -21.3023
Hunter-Lab	49.6679, -11.1766, -2.0529

Details

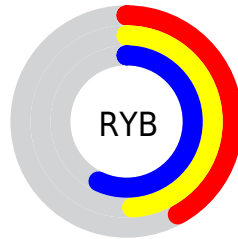
The RYB color **108, 126, 146** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **146, 112, 108**, and the grayscale version is **132, 132, 132**.

A 20% lighter version of the original color is **160, 179, 200**, and **59, 76, 96** is the 20% darker color. If you saturate the color by 10%, you get **93, 118, 146**, and if you desaturate by 10%, it is **123, 134, 146**.

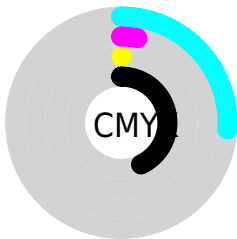
Distribution



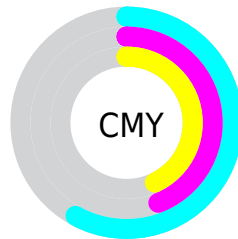
- Red (42%)
- Green (56%)
- Blue (57%)



- Red (42%)
- Yellow (49%)
- Blue (57%)



- Cyan (26%)
- Magenta (3%)
- Yellow (0%)
- Black (43%)



- Cyan (58%)
- Magenta (44%)
- Yellow (43%)


Brightness & Saturation Gradients

These gradients show how the RYB color 108, 126, 146 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 108, 126, 146 by changing the saturation by 10% instead.

 108, 126, 146

255, 255, 255


 160, 179, 200

 188, 207, 228

 216, 235, 255


 244, 250, 255

 108, 126, 146

 83, 101, 120

 59, 76, 96

 35, 52, 72


 11, 29, 49

 0, 14, 29

 0, 0, 1

 0, 0, 0

 108, 126, 146

 93, 118, 146

 108, 126, 146

 123, 134, 146

■ 79, 111, 146

■ 137, 141, 146

■ 64, 103, 146

■ 152, 147, 146

■ 50, 95, 146

■ 166, 148, 146

■ 35, 88, 146

■ 181, 151, 146

■ 20, 80, 146

■ 196, 152, 146

■ 6, 72, 146

■ 210, 153, 146

■ 0, 69, 146

■ 225, 155, 146

■ 239, 156, 146

Harmonies

Analogous

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



112, 130, 143



108, 126, 146



112, 129, 154

Triad

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



108, 126, 146



150, 130, 148



130, 145, 115

Complementary

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



108, 126, 146



146, 112, 108

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.



155, 141, 118



108, 126, 146



158, 129, 137

Square

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



108, 126, 146



138, 134, 155



159, 129, 126



117, 139, 122

Rectangle

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



108, 126, 146



119, 132, 157



159, 129, 126



142, 149, 115

Sweetspot

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



108, 126, 146



174, 181, 189



108, 142, 146



85, 89, 94



222, 222, 222



94, 94, 94

Same Dimension

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



108, 126, 146



130, 158, 189



108, 119, 146



67, 70, 74



0, 65, 138



0, 5, 10

Inverse Universe

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



146, 108, 142



189, 130, 183



133, 146, 108



74, 67, 73



138, 0, 124



10, 0, 9

Previews

White Background



This preview shows how the RYB color 108, 126, 146 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 108, 126, 146 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

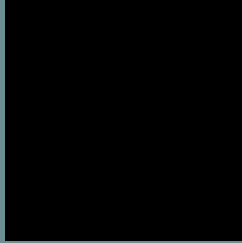
Any Text WCAG AA ✓ Pass

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](#).

RYB 108, 126, 146 Background



This preview shows how black text looks on a background with the RYB color 108, 126, 146.

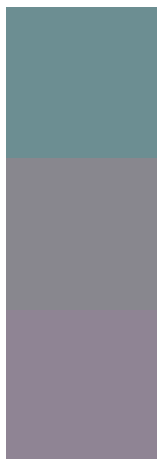


This preview shows how white text looks on a background with the RYB color 108, 126, 146.

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

108, 126, 146

Protanopia

136, 135, 142

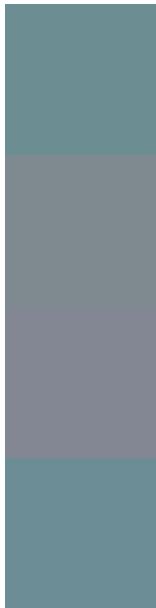
Deuteranopia

143, 132, 148



Tritanopia
109, 127, 152

Trichromacy



Original Color

108, 126, 146

Protanomaly

126, 133, 143

Deuteranomaly

130, 134, 147

Tritanomaly

109, 127, 150

Monochromacy



Original Color

108, 126, 146

Achromatopsia

132, 132, 132

Achromatomaly

123, 130, 137

CSS Examples

Text

The CSS property to change the color of the text to RYB 108, 126, 146 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(108, 142, 146)` looks like.

```
.text, #text, p{  
    color:rgb(108, 142, 146)  
}
```

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(108, 142, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 142, 146) }
```

Border

The CSS property to change the border of an element to RYB 108, 126, 146 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(108, 142, 146) }
```

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

```
.border{ border-color:rgb(108, 142, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 142, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 142, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 142, 146);  
box-shadow:4px 4px 4px 4px rgb(108, 142,  
146) }
```

Background

The CSS property to change the background color of an element to RYB 108, 126, 146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 142, 146) }
```

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

```
.background{ background-color: rgb(108,  
142, 146) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor