

Converting Colors

`RYB(114, 146, 163)`

Have a look what the booklet for
RYB(114, 146, 163) contains.

RYB(114, 146, 163)	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(114, 146, 163)

Conversions

Conversions Part 1

Format	Color
Hex	72A38C
RGB	114, 163, 140
RGB Percent	45%, 64%, 55%
CMY	0.5529, 0.3608, 0.4509
CMYK	0.30, 0.00, 0.14, 0.36
HSL	152°, 21%, 54%
HSV	152°, 30%, 64%
XYZ	24.7726, 31.6662, 29.6296
YIQ	145.7270, -21.8210, -17.5410

Conversions

Conversions Part 2

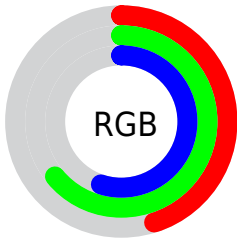
Format	Color
RYB	114, 146, 163
Decimal	7512972
CIELab	63.07, -21.42, 6.72
CIELCh	63, 22.446, 162.588
Yxy	31.6662, 0.2878, 0.3679
Android (android.graphics.Color)	4285703052 (0xFF72A38C)
YUV	145.7270, -2.8234, -27.8246
Hunter-Lab	56.2727, -19.8974, 8.1726

Details

The RYB color **114, 146, 163** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **163, 114, 137**, and the grayscale version is **146, 146, 146**.

A 20% lighter version of the original color is **167, 200, 218**, and **64, 94, 111** is the 20% darker color. If you saturate the color by 10%, you get **98, 141, 163**, and if you desaturate by 10%, it is **130, 151, 163**.

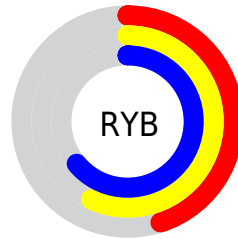
Distribution



Red (45%)

Green (64%)

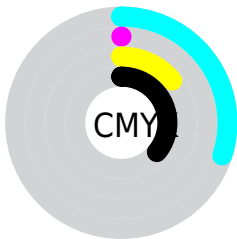
Blue (55%)



Red (45%)

Yellow (57%)

Blue (64%)

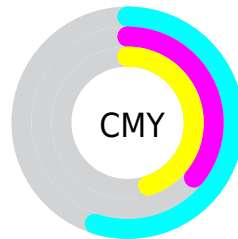


Cyan (30%)

Magenta (0%)

Yellow (14%)

Black (36%)



Cyan (55%)

Magenta (36%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the RYB color 114, 146, 163 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 114, 146, 163 by changing the saturation by 10% instead.

 114, 146, 163


255, 255, 255


 167, 200, 218

 195, 230, 247


 223, 240, 255

 252, 254, 255

 114, 146, 163


 89, 120, 137

 64, 94, 111


 40, 69, 86


 14, 44, 63


 0, 26, 41

 0, 19, 19

 0, 0, 0

 114, 146, 163

 98, 141, 163

 114, 146, 163

 130, 151, 163

■ 81, 134, 163

■ 147, 158, 163

■ 65, 129, 163

■ 163, 163, 163

■ 49, 124, 163

■ 179, 163, 171

■ 33, 118, 163

■ 195, 163, 178

■ 16, 112, 163

■ 212, 163, 186

■ 0, 106, 163

■ 228, 163, 194

■ 244, 163, 201

■ 255, 163, 209

Harmonies

Analogous

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



123, 160, 147



114, 146, 163



98, 132, 164

Triad

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



114, 146, 163



140, 150, 191



190, 146, 126

Complementary

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



114, 146, 163



163, 114, 137

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.



193, 138, 145



114, 146, 163



166, 145, 182

Square

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



114, 146, 163



113, 141, 190



185, 140, 165



176, 178, 115

Rectangle

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



114, 146, 163



95, 131, 173



185, 140, 165



192, 141, 132

Sweetspot

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



114, 146, 163



193, 205, 212



114, 163, 139



95, 103, 107



235, 235, 235



107, 107, 107

Same Dimension

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



114, 146, 163



135, 185, 212



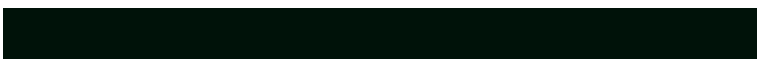
114, 138, 163



73, 79, 82



0, 95, 145



0, 12, 18

Inverse Universe

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



163, 114, 137



212, 135, 171



163, 115, 114



82, 73, 77



145, 0, 68



18, 0, 8

Previews

White Background



This preview shows how the RYB color 114, 146, 163 looks on a white background.

Color Contrast Check

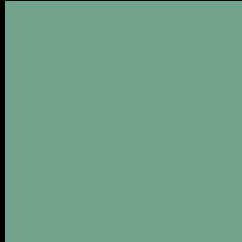
Large Text (above 18pt) WCAG AA × Fail

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 114, 146, 163 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

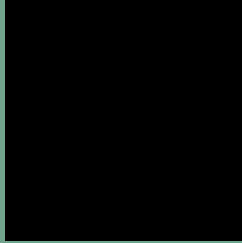
Any Text WCAG AA ✓ Pass

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 114, 146, 163 Background



This preview shows how black text looks on a background with the RYB color 114, 146, 163.



This preview shows how white text looks on a background with the RYB color 114, 146, 163.

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
120, 142, 171

Trichromacy



Original Color

114, 146, 163

Protanomaly

136, 156, 149

Deuteranomaly

142, 153, 145

Tritanomaly

118, 139, 160

Monochromacy



Original Color

114, 146, 163

Achromatopsia

146, 146, 146

Achromatomaly

134, 146, 152

CSS Examples

Text

The CSS property to change the color of the text to RYB 114, 146, 163 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(114, 163, 140)` looks like.

```
.text, #text, p{  
    color:rgb(114, 163, 140)  
}
```

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(114, 163, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 163, 140) }
```

Border

The CSS property to change the border of an element to RYB 114, 146, 163 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(114, 163, 140) }
```

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

```
.border{ border-color:rgb(114, 163, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 163, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 163, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 163, 140);  
box-shadow:4px 4px 4px 4px rgb(114, 163,  
140) }
```

Background

The CSS property to change the background color of an element to RYB 114, 146, 163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 163, 140) }
```

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

```
.background{ background-color: rgb(114,  
163, 140) }
```

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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