

Converting Colors

`RYB(130, 146, 153)`

Have a look what the booklet for
RYB(130, 146, 153) contains.

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Color

R_YB(130, 146, 153)

Conversions

Conversions Part 1

Format	Color
Hex	82998C
RGB	130, 153, 140
RGB Percent	51%, 60%, 55%
CMY	0.4902, 0.4000, 0.4507
CMYK	0.15, 0.00, 0.08, 0.40
HSL	146°, 10%, 55%
HSV	146°, 15%, 60%
XYZ	25.3354, 29.4236, 29.1791
YIQ	144.6410, -9.5350, -8.9190

Conversions

Conversions Part 2

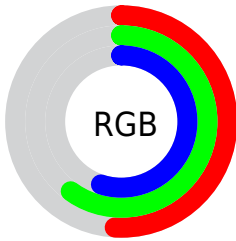
Format	Color
RYB	130, 146, 153
Decimal	8558988
CIELab	61.15, -10.77, 4.08
CIElCh	61, 11.520, 159.259
Yxy	29.4236, 0.3018, 0.3505
Android (android.graphics.Color)	4286749068 (0xFF82998C)
YUV	144.6410, -2.2880, -12.8402
Hunter-Lab	54.2435, -11.5546, 6.0767

Details

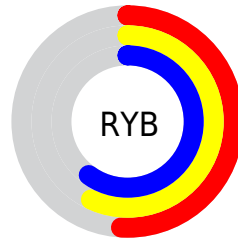
The RYB color **130, 146, 153** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **153, 130, 143**, and the grayscale version is **145, 145, 145**.

A 20% lighter version of the original color is **183, 199, 207**, and **80, 95, 102** is the 20% darker color. If you saturate the color by 10%, you get **115, 142, 153**, and if you desaturate by 10%, it is **145, 150, 153**.

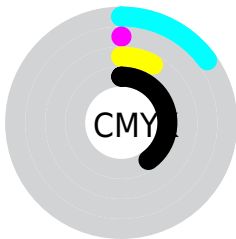
Distribution



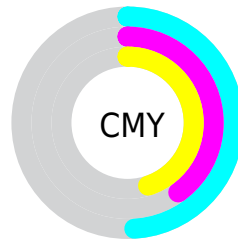
- Red (51%)
- Green (60%)
- Blue (55%)



- Red (51%)
- Yellow (57%)
- Blue (60%)



- Cyan (15%)
- Magenta (0%)
- Yellow (8%)
- Black (40%)




- Cyan (49%)
- Magenta (40%)
- Yellow (45%)


Brightness & Saturation Gradients

These gradients show how the RYB color 130, 146, 153 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 130, 146, 153 by changing the saturation by 10% instead.


 130, 146, 153

255, 255, 255

 183, 199, 207

 211, 229, 236

 239, 248, 255

 130, 146, 153

 105, 120, 127

 80, 95, 102

 57, 71, 78

 35, 48, 55


 14, 27, 34

 0, 8, 8

 0, 0, 0

 130, 146, 153

 115, 142, 153

 130, 146, 153

 145, 150, 153

■ 99, 136, 153

■ 161, 153, 157

■ 84, 132, 153

■ 176, 153, 166

■ 69, 127, 153

■ 191, 153, 174

■ 53, 122, 153

■ 207, 153, 183

■ 38, 118, 153

■ 222, 153, 192

■ 23, 113, 153

■ 237, 153, 200

■ 8, 109, 153

■ 252, 153, 209

■ 0, 106, 153

■ 255, 153, 218

Harmonies

Analogous

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



132, 151, 142



130, 146, 153



123, 140, 154

Triad

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



130, 146, 153



141, 146, 167



168, 144, 135

Complementary

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



130, 146, 153



153, 130, 143

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.



169, 141, 145



130, 146, 153



153, 144, 163

Square

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



130, 146, 153



129, 143, 166



164, 141, 155



162, 160, 129

Rectangle

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



130, 146, 153



122, 138, 157



164, 141, 155



169, 141, 138

Sweetspot

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



130, 146, 153



189, 196, 199



130, 153, 140



93, 97, 99



227, 227, 227



99, 99, 99

Same Dimension

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



130, 146, 153



163, 188, 199



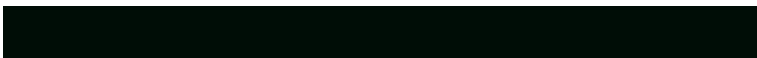
130, 142, 153



69, 75, 77



0, 98, 140



0, 9, 13

Inverse Universe

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



153, 130, 143



199, 163, 183



153, 130, 132



77, 69, 73



140, 0, 79



13, 0, 7

Previews

White Background



This preview shows how the RYB color 130, 146, 153 looks on a white background.

Color Contrast Check

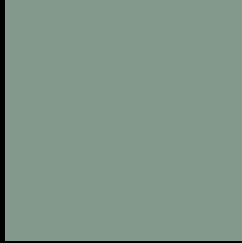
Large Text (above 18pt) WCAG AA ✓ Pass

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 130, 146, 153 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

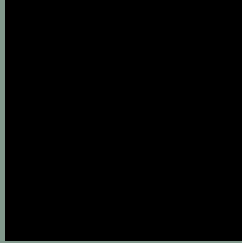
Any Text WCAG AA ✓ Pass

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 130, 146, 153 Background



This preview shows how black text looks on a background with the RYB color 130, 146, 153.



This preview shows how white text looks on a background with the RYB color 130, 146, 153.

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

134, 144, 162

Trichromacy



Original Color

130, 146, 153

Protanomaly

138, 149, 143

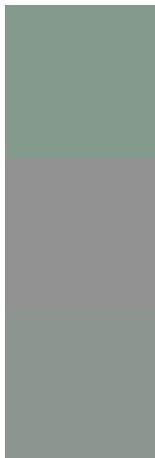
Deuteranomaly

151, 151, 141

Tritanomaly

133, 143, 154

Monochromacy



Original Color

130, 146, 153

Achromatopsia

145, 145, 145

Achromatomaly

140, 146, 148

CSS Examples

Text

The CSS property to change the color of the text to RYB 130, 146, 153 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(130, 153, 140)` looks like.

```
.text, #text, p{  
    color:rgb(130, 153, 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(130, 153, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 153, 140) }
```

Border

The CSS property to change the border of an element to RYB 130, 146, 153 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(130, 153, 140) }
```

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

```
.border{ border-color:rgb(130, 153, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 153, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 153, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 153, 140);  
box-shadow:4px 4px 4px 4px rgb(130, 153,  
140) }
```

Background

The CSS property to change the background color of an element to RYB 130, 146, 153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 153, 140) }
```

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

```
.background{ background-color: rgb(130,  
153, 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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