

Converting Colors

`RYB(126, 133, 165)`

Have a look what the booklet for
RYB(126, 133, 165) contains.

RYB(126, 133, 165)	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

`RYB(126, 133, 165)`

Conversions

Conversions Part 1

Format	Color
Hex	7E87A5
RGB	126, 135, 165
RGB Percent	49%, 53%, 65%
CMY	0.5059, 0.4724, 0.3529
CMYK	0.24, 0.18, 0.00, 0.35
HSL	227°, 18%, 57%
HSV	227°, 24%, 65%
XYZ	23.9944, 24.3497, 39.0326
YIQ	135.7290, -14.9940, 7.4220

Conversions

Conversions Part 2

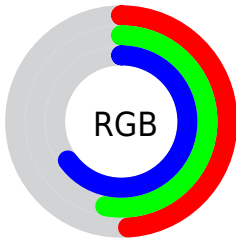
Format	Color
RYB	126, 133, 165
Decimal	8292261
CIELab	56.44, 3.78, -17.19
CIELCh	56, 17.596, 282.405
Yxy	24.3497, 0.2746, 0.2787
Android (android.graphics.Color)	4286482341 (0xFF7E87A5)
YUV	135.7290, 14.4306, -8.5323
Hunter-Lab	49.3454, 0.4421, -12.3572

Details

The RYB color **126, 133, 165** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **138, 165, 126**, and the grayscale version is **135, 135, 135**.

A 20% lighter version of the original color is **179, 186, 220**, and **76, 83, 113** is the 20% darker color. If you saturate the color by 10%, you get **109, 120, 165**, and if you desaturate by 10%, it is **142, 146, 165**.

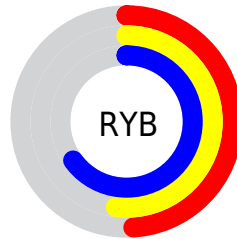
Distribution



Red (49%)

Green (53%)

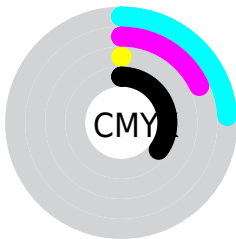
Blue (65%)



Red (49%)

Yellow (52%)

Blue (65%)

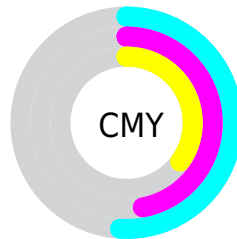


Cyan (24%)

Magenta (18%)

Yellow (0%)

Black (35%)



Cyan (51%)

Magenta (47%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the RYB color 126, 133, 165 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, 133, 165 by changing the saturation by 10% instead.

■ 126, 133, 165

255, 255, 255

■ 179, 186, 220

■ 207, 214, 249

■ 235, 241, 255

■ 126, 133, 165

■ 101, 108, 139

■ 76, 83, 113

■ 53, 60, 89

■ 30, 38, 65

■ 7, 17, 43

■ 0, 1, 22

■ 0, 0, 0

■ 126, 133, 165

■ 109, 120, 165

■ 126, 133, 165

■ 142, 146, 165

■ 93, 106, 165

■ 159, 160, 165

■ 76, 92, 165

■ 169, 176, 165

■ 60, 79, 165

■ 173, 192, 165

■ 43, 65, 165

■ 176, 208, 165

■ 27, 52, 165

■ 182, 225, 165

■ 10, 38, 165

■ 185, 241, 165

■ 0, 30, 165

■ 186, 255, 165

■ 169, 255, 165

Harmonies

Analogous

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



106, 127, 164



126, 133, 165



146, 129, 158

Triad

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



126, 133, 165



165, 131, 115



106, 130, 143

Complementary

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



126, 133, 165



138, 165, 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.



112, 141, 130



126, 133, 165



155, 155, 107

Square

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



126, 133, 165



167, 125, 129



110, 140, 105



95, 120, 144

Rectangle

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



126, 133, 165



156, 127, 150



110, 140, 105



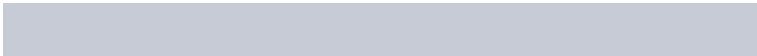
112, 136, 143

Sweetspot

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



126, 133, 165



199, 202, 214



126, 148, 165



99, 100, 107



235, 235, 235



107, 107, 107

Same Dimension

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



126, 133, 165



154, 165, 214



136, 126, 165



73, 75, 82



0, 26, 145



0, 3, 18

Inverse Universe

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



165, 126, 135



214, 154, 167



126, 165, 136



82, 73, 75



145, 0, 32



18, 0, 4

Previews

White Background



This preview shows how the RYB color 126, 133, 165 looks on a white background.

Color Contrast Check

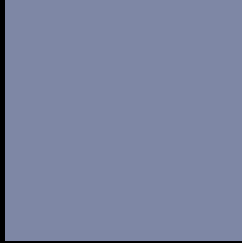
Large Text (above 18pt) WCAG AA ✓ Pass

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 126, 133, 165 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

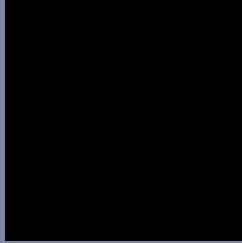
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

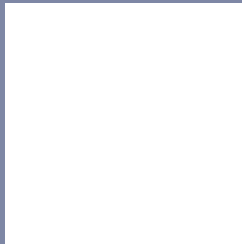
Any Text WCAG AAA × Fail

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

RYB 126, 133, 165 Background



This preview shows how black text looks on a background with the RYB color 126, 133, 165.



This preview shows how white text looks on a background with the RYB color 126, 133, 165.

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

126, 133, 165

Protanopia

128, 133, 165

Deuteranopia

133, 132, 165



Tritanopia
123, 132, 148

Trichromacy



Original Color

126, 133, 165

Protanomaly

127, 133, 165

Deuteranomaly

130, 133, 165

Tritanomaly

124, 133, 154

Monochromacy



Original Color

126, 133, 165

Achromatopsia

135, 135, 135

Achromatomaly

132, 134, 146

CSS Examples

Text

The CSS property to change the color of the text to RGB 126, 133, 165 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, 135, 165) looks like.

```
.text, #text, p{  
    color:rgb(126, 135, 165)  
}
```

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, 135, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 135, 165) }
```

Border

The CSS property to change the border of an element to RYB 126, 133, 165 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, 135, 165) }
```

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

```
.border{ border-color:rgb(126, 135, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 135, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 135, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 135, 165);  
box-shadow:4px 4px 4px 4px rgb(126, 135,  
165) }
```

Background

The CSS property to change the background color of an element to RYB 126, 133, 165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 135, 165) }
```

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

```
.background{ background-color: rgb(126,  
135, 165) }
```

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