

Converting Colors

`RYB(140, 140, 165)`

Have a look what the booklet for
RYB(140, 140, 165) contains.

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Color

R_YB(140, 140, 165)

Conversions

Conversions Part 1

Format	Color
Hex	8C8CA5
RGB	140, 140, 165
RGB Percent	55%, 55%, 65%
CMY	0.4510, 0.4510, 0.3529
CMYK	0.15, 0.15, 0.00, 0.35
HSL	240°, 12%, 60%
HSV	240°, 15%, 65%
XYZ	26.9848, 27.0482, 39.3959
YIQ	142.8500, -8.0250, 7.7750

Conversions

Conversions Part 2

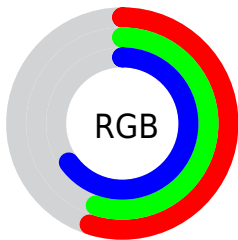
Format	Color
RYB	140, 140, 165
Decimal	9211045
CIELab	59.02, 5.26, -13.17
CIElCh	59, 14.185, 291.787
Yxy	27.0482, 0.2888, 0.2895
Android (android.graphics.Color)	4287401125 (0xFF8C8CA5)
YUV	142.8500, 10.9200, -2.4994
Hunter-Lab	52.0079, 1.6027, -8.5065

Details

The RYB color `140, 140, 165` is a dark color, and the websafe version is hex `999999`. A complement of this color would be `140, 165, 140`, and the grayscale version is `143, 143, 143`.

A 20% lighter version of the original color is `194, 193, 220`, and `90, 90, 113` is the 20% darker color. If you saturate the color by 10%, you get `123, 123, 165`, and if you desaturate by 10%, it is `156, 156, 165`.

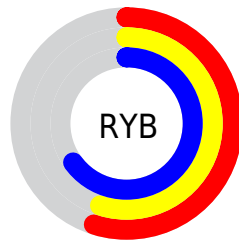
Distribution



Red (55%)

Green (55%)

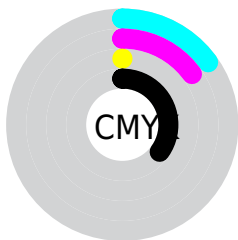
Blue (65%)



Red (55%)

Yellow (55%)

Blue (65%)

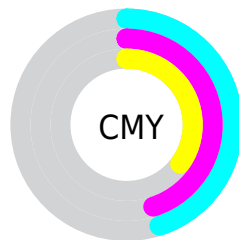


Cyan (15%)

Magenta (15%)

Yellow (0%)

Black (35%)



Cyan (45%)


Magenta (45%)

Yellow (35%)


Brightness & Saturation Gradients

These gradients show how the RYB color 140, 140, 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 140, 140, 165 by changing the saturation by 10% instead.


 140, 140, 165


255, 255, 255

 194, 193, 220

 222, 221, 249


 250, 250, 255

 140, 140, 165

 114, 115, 139

 90, 90, 113

 66, 67, 89

 43, 45, 65


 22, 24, 43


 0, 0, 23

 0, 0, 0

 140, 140, 165

 123, 123, 165

 140, 140, 165

 156, 156, 165

■ 107, 107, 165

■ 165, 173, 165

■ 91, 91, 165

■ 165, 189, 165

■ 74, 74, 165

■ 165, 206, 165

■ 57, 57, 165

■ 165, 223, 165

■ 41, 41, 165

■ 165, 239, 165

■ 24, 24, 165

■ 165, 255, 165

■ 8, 8, 165

■ 0, 0, 165

Harmonies

Analogous

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



124, 138, 166



140, 140, 165



155, 136, 158

Triad

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



140, 140, 165



165, 142, 123



116, 136, 149

Complementary

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



140, 140, 165



140, 165, 140

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.



126, 147, 145



140, 140, 165



143, 155, 118

Square

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



140, 140, 165



168, 134, 133



119, 144, 121



109, 129, 151

Rectangle

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



140, 140, 165



162, 134, 150



119, 144, 121



119, 139, 149

Sweetspot

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



140, 140, 165



203, 203, 214



140, 153, 165



101, 101, 107



235, 235, 235



107, 107, 107

Same Dimension

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



140, 140, 165



176, 176, 214



153, 140, 165



73, 73, 82



0, 0, 145



0, 0, 18

Inverse Universe

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



165, 140, 165



214, 176, 214



140, 165, 152



82, 73, 82



145, 0, 145



18, 0, 18

Previews

White Background



This preview shows how the RYB color 140, 140, 165 looks on a white background.

Color Contrast Check

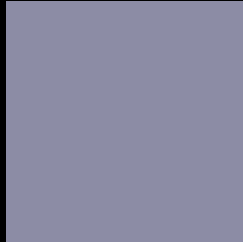
Large Text (above 18pt) WCAG AA ✓ Pass

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 140, 140, 165 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

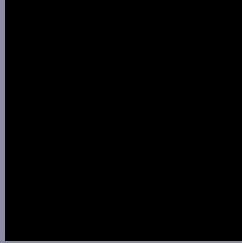
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

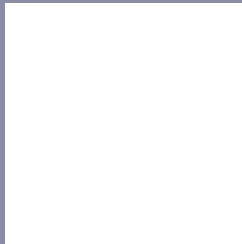
Any Text WCAG AAA × Fail

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

RYB 140, 140, 165 Background



This preview shows how black text looks on a background with the RYB color 140, 140, 165.



This preview shows how white text looks on a background with the RYB color 140, 140, 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](#).

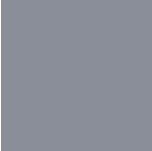
Dichromacy



Original Color
140, 140, 165

Protanopia
137, 141, 166

Deuteranopia
145, 139, 165



Tritanopia
138, 141, 153

Trichromacy



Original Color

140, 140, 165

Protanomaly

138, 141, 166

Deuteranomaly

143, 139, 165

Tritanomaly

139, 141, 157

Monochromacy



Original Color

140, 140, 165

Achromatopsia

143, 143, 143

Achromatomaly

142, 142, 151

CSS Examples

Text

The CSS property to change the color of the text to RYB 140, 140, 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(140, 140, 165)` looks like.

```
.text, #text, p{  
    color:rgb(140, 140, 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(140, 140, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 140, 165) }
```

Border

The CSS property to change the border of an element to RYB 140, 140, 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(140, 140, 165) }
```

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

```
.border{ border-color:rgb(140, 140, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 140, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(140, 140, 165); -webkit-box-shadow:4px 4px 4px 4px rgb(140, 140, 165); box-shadow:4px 4px 4px 4px rgb(140, 140, 165) }
```

Background

The CSS property to change the background color of an element to RYB 140, 140, 165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 140, 165) }
```

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

```
.background{ background-color: rgb(140,  
140, 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](#).

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