

Converting Colors

`RYB(145, 158, 184)`

Have a look what the booklet for RYB(145, 158, 184) contains.

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Color

R_YB(145, 158, 184)

Conversions

Conversions Part 1

Format	Color
Hex	91A5B8
RGB	145, 165, 184
RGB Percent	57%, 65%, 72%
CMY	0.4314, 0.3549, 0.2784
CMYK	0.21, 0.11, 0.00, 0.28
HSL	210°, 22%, 65%
HSV	210°, 21%, 72%
XYZ	33.6939, 36.2107, 50.5609
YIQ	161.1860, -18.0190, 1.6690

Conversions

Conversions Part 2

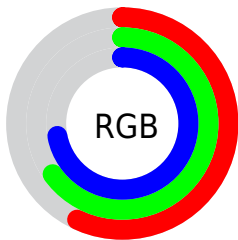
Format	Color
R_{YB}	145, 158, 184
Decimal	9545144
CIE _{Lab}	66.68, -2.51, -12.32
CIE _{LCh}	67, 12.576, 258.468
Yxy	36.2107, 0.2797, 0.3006
Android (android.graphics.Color)	4287735224 (0xFF91A5B8)
YUV	161.1860, 11.2473, -14.1951
Hunter-Lab	60.1753, -5.3594, -7.6943

Details

The RYB color **145, 158, 184** is a light color, and the websafe version is hex **999999**. A complement of this color would be **184, 182, 145**, and the grayscale version is **161, 161, 161**.

A 20% lighter version of the original color is **199, 213, 240**, and **94, 107, 131** is the 20% darker color. If you saturate the color by 10%, you get **127, 146, 184**, and if you desaturate by 10%, it is **163, 170, 184**.

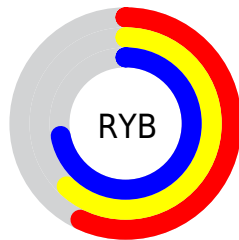
Distribution



Red (57%)

Green (65%)

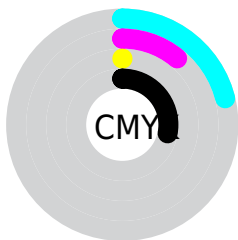
Blue (72%)



Red (57%)

Yellow (62%)

Blue (72%)

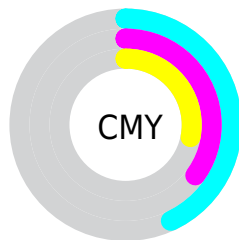


Cyan (21%)

Magenta (11%)

Yellow (0%)

Black (28%)



Cyan (43%)

Magenta (35%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the RYB color 145, 158, 184 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 145, 158, 184 by changing the saturation by 10% instead.

 145, 158, 184

255, 255, 255

 199, 212, 240

 228, 239, 255

 145, 158, 184


 119, 132, 157


 94, 107, 131

 70, 82, 106

 46, 58, 82

 24, 36, 59

 1, 15, 37

 0, 1, 15

 0, 0, 0

 145, 158, 184

 145, 158, 184

■ 127, 146, 184

■ 163, 170, 184

■ 108, 133, 184

■ 182, 183, 184

■ 90, 121, 184

■ 200, 200, 184

■ 71, 109, 184

■ 219, 217, 184

■ 53, 97, 184

■ 237, 235, 184

■ 35, 84, 184

■ 253, 255, 184

■ 16, 72, 184

■ 225, 255, 184

■ 0, 61, 184

■ 206, 255, 184

■ 193, 255, 184

Harmonies

Analogous

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



135, 154, 179



145, 158, 184



159, 161, 183

Triad

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



145, 158, 184



186, 155, 155



147, 167, 163

Complementary

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



145, 158, 184



184, 182, 145

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.



141, 164, 141



145, 158, 184



184, 161, 146

Square

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



145, 158, 184



183, 155, 167



169, 176, 140



140, 158, 169

Rectangle

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



145, 158, 184



168, 158, 180



169, 176, 140



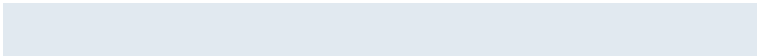
144, 166, 155

Sweetspot

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



145, 158, 184



225, 230, 240



145, 171, 184



111, 114, 120



247, 247, 247



120, 120, 120

Same Dimension

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



145, 158, 184



180, 200, 240



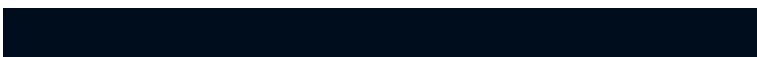
145, 146, 184



83, 86, 92



0, 52, 156



0, 9, 28

Inverse Universe

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



184, 145, 165



240, 180, 210



145, 184, 145



92, 83, 87



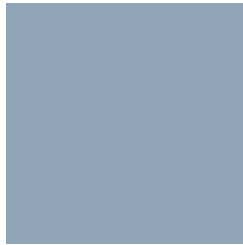
156, 0, 78



28, 0, 14

Previews

White Background



This preview shows how the RYB color 145, 158, 184 looks on a white background.

Color Contrast Check

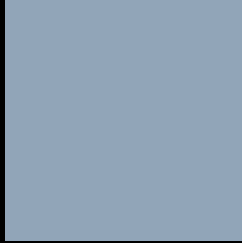
Large Text (above 18pt) WCAG AA × Fail

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 145, 158, 184 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

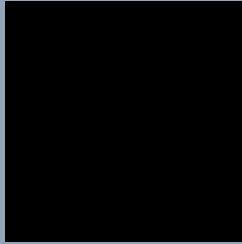
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

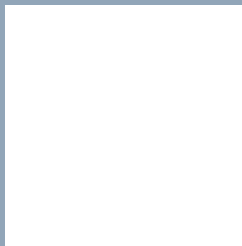
Any Text WCAG AAA ✓ Pass

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

RYB 145, 158, 184 Background



This preview shows how black text looks on a background with the RYB color 145, 158, 184.



This preview shows how white text looks on a background with the RYB color 145, 158, 184.

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](#).

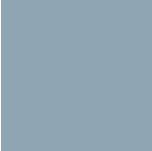
Dichromacy



Original Color
145, 158, 184

Protanopia
159, 161, 182

Deuteranopia
167, 158, 185



Tritanopia
144, 157, 179

Trichromacy



Original Color
145, 158, 184

Protanomaly
154, 160, 183

Deuteranomaly
159, 160, 185

Tritanomaly
144, 157, 181

Monochromacy



Original Color
145, 158, 184

Achromatopsia
161, 161, 161

Achromatomaly
155, 160, 169

CSS Examples

Text

The CSS property to change the color of the text to RGB 145, 158, 184 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(145, 165, 184) looks like.

```
.text, #text, p{  
    color:rgb(145, 165, 184)  
}
```

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(145, 165, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 165, 184) }
```

Border

The CSS property to change the border of an element to RYB 145, 158, 184 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(145, 165, 184) }
```

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

```
.border{ border-color:rgb(145, 165, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 165, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 165, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 165, 184);  
box-shadow:4px 4px 4px 4px rgb(145, 165,  
184) }
```

Background

The CSS property to change the background color of an element to RYB 145, 158, 184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 165, 184) }
```

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

```
.background{ background-color: rgb(145,  
165, 184) }
```

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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