

Converting Colors

`RYB(125, 148, 203)`

Have a look what the booklet for
RYB(125, 148, 203) contains.

RYB(125, 148, 203)	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(125, 148, 203)

Conversions

Conversions Part 1

Format	Color
Hex	7D9ECB
RGB	125, 158, 203
RGB Percent	49%, 62%, 80%
CMY	0.5098, 0.3819, 0.2039
CMYK	0.38, 0.22, 0.00, 0.20
HSL	215°, 43%, 64%
HSV	215°, 38%, 80%
XYZ	31.3988, 32.9954, 61.2138
YIQ	153.2630, -34.1130, 6.9990

Conversions

Conversions Part 2

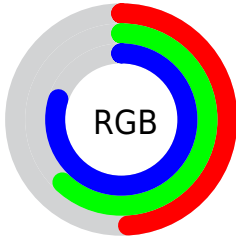
Format	Color
RYB	125, 148, 203
Decimal	8232651
CIELab	64.16, 0.14, -26.86
CIElCh	64, 26.865, 270.294
Yxy	32.9954, 0.2500, 0.2627
Android (android.graphics.Color)	4286422731 (0xFF7D9ECB)
YUV	153.2630, 24.5203, -24.7867
Hunter-Lab	57.4416, -2.9512, -22.9744

Details

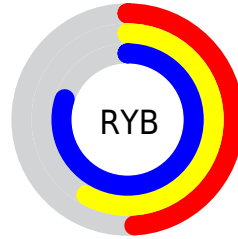
The RYB color **125, 148, 203** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **182, 203, 125**, and the grayscale version is **153, 153, 153**.

A 20% lighter version of the original color is **180, 202, 255**, and **72, 96, 149** is the 20% darker color. If you saturate the color by 10%, you get **105, 134, 203**, and if you desaturate by 10%, it is **145, 162, 203**.

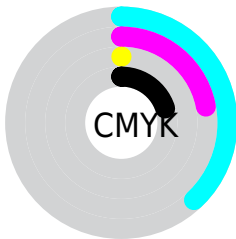
Distribution



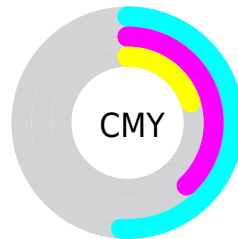
- Red (49%)
- Green (62%)
- Blue (80%)



- Red (49%)
- Yellow (58%)
- Blue (80%)



- Cyan (38%)
- Magenta (22%)
- Yellow (0%)
- Black (20%)



- Cyan (51%)
- Magenta (38%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RYB color 125, 148, 203 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 125, 148, 203 by changing the saturation by 10% instead.

 125, 148, 203


255, 255, 255

 180, 202, 255

 208, 227, 255

 237, 246, 255

 125, 148, 203


 98, 122, 175


 72, 96, 149

 45, 70, 123

 13, 43, 98

 0, 25, 74

 0, 13, 51

 0, 2, 29


 0, 0, 0

 125, 148, 203


 125, 148, 203

 105, 134, 203

 145, 162, 203

 84, 119, 203

 166, 177, 203

 64, 105, 203

 186, 191, 203

 44, 91, 203

 205, 206, 203

 24, 77, 203

 220, 227, 203

 3, 62, 203

 236, 247, 203

 0, 60, 203

 224, 255, 203

 206, 255, 203

 203, 255, 203

Harmonies

Analogous

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



93, 135, 196



125, 148, 203



159, 149, 197

Triad

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



125, 148, 203



203, 141, 132



119, 156, 166

Complementary

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



125, 148, 203



182, 203, 125

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.



114, 161, 128



125, 148, 203



192, 167, 115

Square

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



125, 148, 203



201, 138, 156



133, 172, 108



93, 135, 169

Rectangle

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



125, 148, 203



179, 144, 186



133, 172, 108



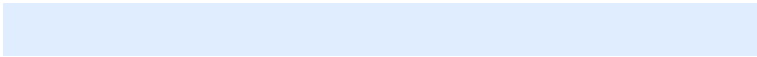
124, 165, 161

Sweetspot

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



125, 148, 203



224, 233, 255



125, 175, 203



110, 115, 128



0, 0, 0



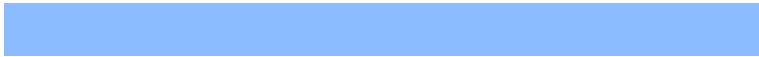
128, 128, 128

Same Dimension

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



125, 148, 203



138, 173, 255



130, 125, 203



92, 95, 102



0, 49, 166



0, 11, 38

Inverse Universe

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



203, 125, 158



255, 138, 187



125, 203, 130



102, 92, 96



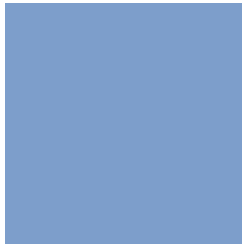
166, 0, 69



38, 0, 16

Previews

White Background



This preview shows how the RYB color 125, 148, 203 looks on a white background.

Color Contrast Check

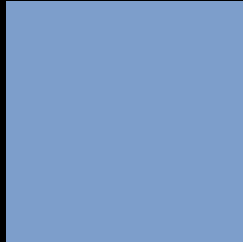
Large Text (above 18pt) WCAG AA × Fail

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 125, 148, 203 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

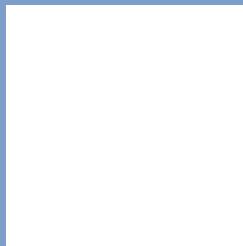
Any Text WCAG AAA ✓ Pass

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

RYB 125, 148, 203 Background



This preview shows how black text looks on a background with the RYB color 125, 148, 203.

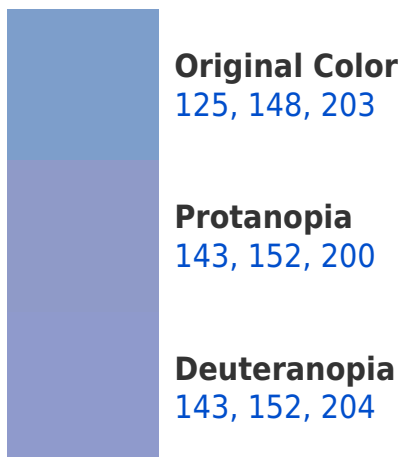



This preview shows how white text looks on a background with the RYB color 125, 148, 203.

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
118, 143, 176

Trichromacy



Original Color
125, 148, 203

Protanomaly
136, 151, 201

Deuteranomaly
136, 151, 204

Tritanomaly
121, 146, 186

Monochromacy



Original Color
125, 148, 203

Achromatopsia
153, 153, 153

Achromatomaly
143, 151, 171

CSS Examples

Text

The CSS property to change the color of the text to RYB 125, 148, 203 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(125, 158, 203)` looks like.

```
.text, #text, p{  
    color:rgb(125, 158, 203)  
}
```

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(125, 158, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 158, 203) }
```

Border

The CSS property to change the border of an element to RYB 125, 148, 203 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(125, 158, 203) }
```

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

```
.border{ border-color:rgb(125, 158, 203) }
```

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

Here you see how a box with a 4 pixel rgb(125, 158, 203) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 158, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 158, 203);  
box-shadow:4px 4px 4px 4px rgb(125, 158,  
203) }
```

Background

The CSS property to change the background color of an element to RYB 125, 148, 203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 158, 203) }
```

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

```
.background{ background-color: rgb(125,  
158, 203) }
```

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