

Converting Colors

`RYB(125, 145, 220)`

Have a look what the booklet for
RYB(125, 145, 220) contains.

RYB(125, 145, 220)	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, 145, 220)

Conversions

Conversions Part 1

Format	Color
Hex	7D96DC
RGB	125, 150, 220
RGB Percent	49%, 59%, 86%
CMY	0.5098, 0.4105, 0.1373
CMYK	0.43, 0.32, 0.00, 0.14
HSL	224°, 58%, 68%
HSV	224°, 43%, 86%
XYZ	32.3353, 31.4465, 72.0757
YIQ	150.5050, -37.3700, 16.4700

Conversions

Conversions Part 2

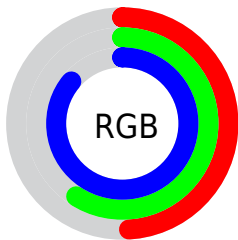
Format	Color
RYB	125, 145, 220
Decimal	8230620
CIELab	62.88, 9.03, -38.30
CIELCh	63, 39.350, 283.273
Yxy	31.4465, 0.2380, 0.2315
Android (android.graphics.Color)	4286420700 (0xFF7D96DC)
YUV	150.5050, 34.2610, -22.3679
Hunter-Lab	56.0772, 4.7919, -36.9510

Details

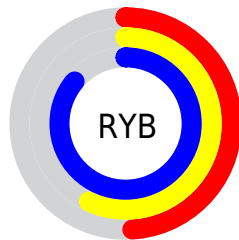
The RYB color **125, 145, 220** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **159, 220, 125**, and the grayscale version is **150, 150, 150**.

A 20% lighter version of the original color is **181, 199, 255**, and **70, 93, 165** is the 20% darker color. If you saturate the color by 10%, you get **103, 128, 220**, and if you desaturate by 10%, it is **147, 162, 220**.

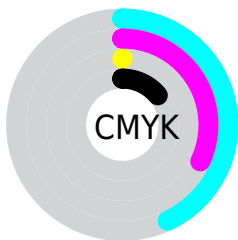
Distribution



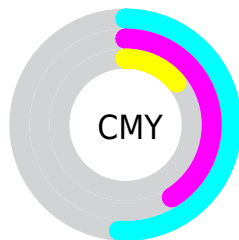
- Red (49%)
- Green (59%)
- Blue (86%)



- Red (49%)
- Yellow (57%)
- Blue (86%)



- Cyan (43%)
- Magenta (32%)
- Yellow (0%)
- Black (14%)




- Cyan (51%)
- Magenta (41%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the RYB color 125, 145, 220 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, 145, 220 by changing the saturation by 10% instead.


 125, 145, 220

 125, 145, 220


255, 255, 255

 97, 119, 192

 181, 199, 255

 70, 93, 165

 210, 225, 255

 40, 66, 138

 239, 247, 255

 0, 36, 112


 0, 24, 87

 0, 9, 64


 0, 3, 41

 0, 1, 19


 0, 0, 0

 125, 145, 220

 125, 145, 220


 103, 128, 220

 147, 162, 220

 81, 110, 220

 169, 180, 220

 59, 93, 220

 191, 197, 220

 37, 76, 220

 213, 215, 220

 15, 58, 220

 225, 235, 220

 0, 47, 220

 230, 255, 220

 220, 255, 220

Harmonies

Analogous

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



53, 118, 218



125, 145, 220



176, 137, 203

Triad

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



125, 145, 220



213, 139, 106



73, 133, 169

Complementary

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



125, 145, 220



159, 220, 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.



100, 164, 144



125, 145, 220



173, 191, 85

Square

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



125, 145, 220



219, 124, 138



86, 159, 82



0, 87, 171

Rectangle

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



125, 145, 220



199, 130, 184



86, 159, 82



90, 147, 168

Sweetspot

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



125, 145, 220



222, 229, 255



125, 180, 220



107, 112, 128



0, 0, 0



128, 128, 128

Same Dimension

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



125, 145, 220



122, 150, 255



147, 125, 220



99, 101, 110



0, 36, 173



0, 10, 46

Inverse Universe

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



220, 125, 150



255, 122, 158



125, 220, 147



110, 99, 102



173, 0, 46



46, 0, 12

Previews

White Background



This preview shows how the RYB color 125, 145, 220 looks on a white background.

Color Contrast Check

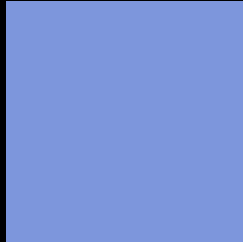
Large Text (above 18pt) WCAG AA × Fail

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, 145, 220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

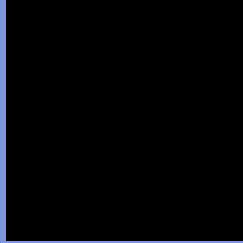
Any Text WCAG AA ✓ Pass

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, 145, 220 Background



This preview shows how black text looks on a background with the RYB color 125, 145, 220.



This preview shows how white text looks on a background with the RYB color 125, 145, 220.

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
125, 145, 220

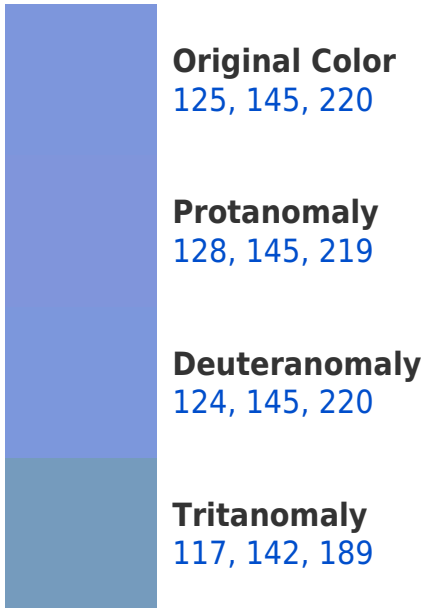
Protanopia
129, 145, 219

Deuteranopia
124, 145, 220

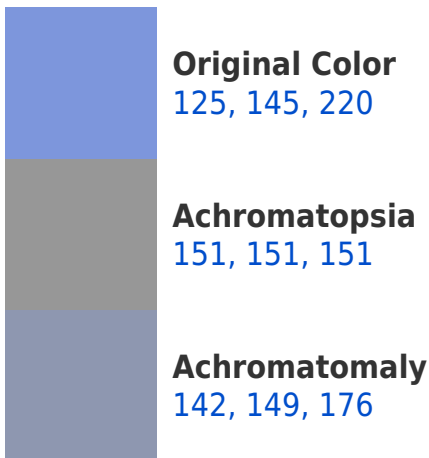


Tritanopia
112, 139, 172

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RYB 125, 145, 220 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, 150, 220)` looks like.

```
.text, #text, p{  
    color:rgb(125, 150, 220)  
}
```

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, 150, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 150, 220) }
```

Border

The CSS property to change the border of an element to RYB 125, 145, 220 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, 150, 220) }
```

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

```
.border{ border-color:rgb(125, 150, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 150, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 150, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 150, 220);  
box-shadow:4px 4px 4px 4px rgb(125, 150,  
220) }
```

Background

The CSS property to change the background color of an element to RYB 125, 145, 220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 150, 220) }
```

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

```
.background{ background-color: rgb(125,  
150, 220) }
```

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