

Converting Colors

`RYB(125, 164, 226)`

Have a look what the booklet for
RYB(125, 164, 226) contains.

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Color

R_YB(125, 164, 226)

Conversions

Conversions Part 1

Format	Color
Hex	7DBDE2
RGB	125, 189, 226
RGB Percent	49%, 74%, 89%
CMY	0.5098, 0.2607, 0.1137
CMYK	0.45, 0.17, 0.00, 0.11
HSL	202°, 64%, 69%
HSV	202°, 45%, 89%
XYZ	40.2821, 46.0452, 78.7160
YIQ	174.0820, -50.0210, -2.0610

Conversions

Conversions Part 2

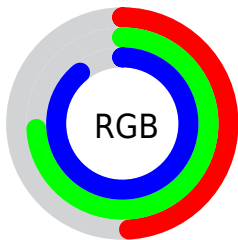
Format	Color
RYB	125, 164, 226
Decimal	8240610
CIELab	73.57, -10.53, -25.06
CIELCh	74, 27.181, 247.217
Yxy	46.0452, 0.2441, 0.2790
Android (android.graphics.Color)	4286430690 (0xFF7DBDE2)
YUV	174.0820, 25.5956, -43.0449
Hunter-Lab	67.8566, -12.7853, -21.2788

Details

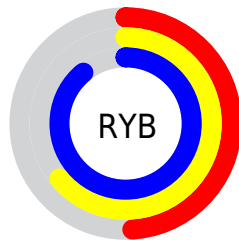
The RYB color **125, 164, 226** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **226, 183, 125**, and the grayscale version is **174, 174, 174**.

A 20% lighter version of the original color is **182, 216, 255**, and **68, 109, 171** is the 20% darker color. If you saturate the color by 10%, you get **102, 150, 226**, and if you desaturate by 10%, it is **148, 178, 226**.

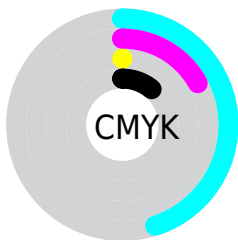
Distribution



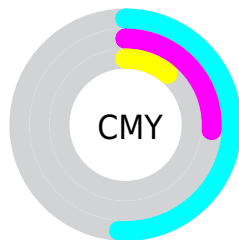
- Red (49%)
- Green (74%)
- Blue (89%)



- Red (49%)
- Yellow (64%)
- Blue (89%)



- Cyan (45%)
- Magenta (17%)
- Yellow (0%)
- Black (11%)




- Cyan (51%)
- Magenta (26%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RYB color 125, 164, 226 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, 164, 226 by changing the saturation by 10% instead.

 125, 164, 226


255, 255, 255


 182, 216, 255

 211, 233, 255

 240, 248, 255

 125, 164, 226

 97, 137, 198


 68, 109, 171

 37, 80, 144

 0, 50, 118

 0, 37, 93

 0, 26, 70


 0, 15, 47


 0, 1, 26


 0, 0, 0


 125, 164, 226


 125, 164, 226

 102, 150, 226


 148, 178, 226

 80, 136, 226

 170, 192, 226

 57, 122, 226

 193, 206, 226

 35, 109, 226

 215, 219, 226

 12, 95, 226

 238, 232, 226

 0, 87, 226

 255, 250, 226

 237, 255, 226

 226, 255, 226

Harmonies

Analogous

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



107, 154, 210



125, 164, 226



158, 175, 230

Triad

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



125, 164, 226



230, 163, 176



141, 188, 164

Complementary

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



125, 164, 226



226, 183, 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.



146, 193, 131



125, 164, 226



229, 169, 152

Square

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



125, 164, 226



218, 165, 201



215, 207, 135



137, 176, 193

Rectangle

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



125, 164, 226



182, 175, 225



215, 207, 135



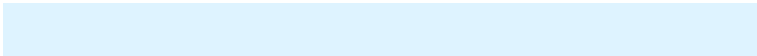
136, 186, 147

Sweetspot

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



125, 164, 226



222, 235, 255



125, 199, 226



107, 115, 128



0, 0, 0



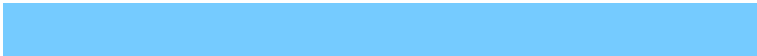
128, 128, 128

Same Dimension

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



125, 164, 226



117, 170, 255



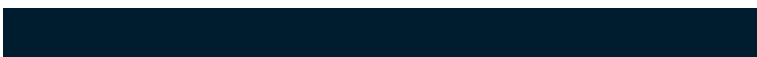
125, 137, 226



101, 105, 112



0, 68, 176



0, 18, 48

Inverse Universe

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



226, 125, 189



255, 117, 204



140, 226, 125



112, 101, 108



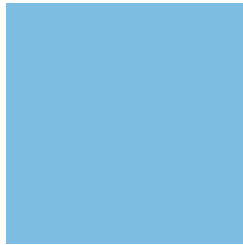
176, 0, 111



48, 0, 30

Previews

White Background



This preview shows how the RYB color 125, 164, 226 looks on a white background.

Color Contrast Check

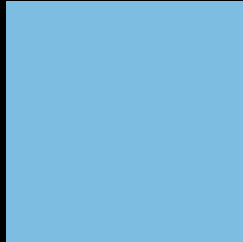
Large Text (above 18pt) WCAG AA × Fail

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, 164, 226 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, 164, 226 Background



This preview shows how black text looks on a background with the RYB color 125, 164, 226.

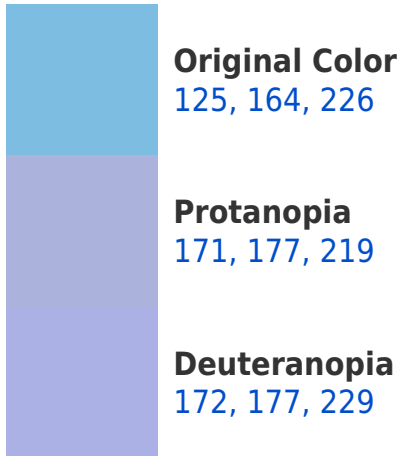


This preview shows how white text looks on a background with the RYB color 125, 164, 226.

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](#).

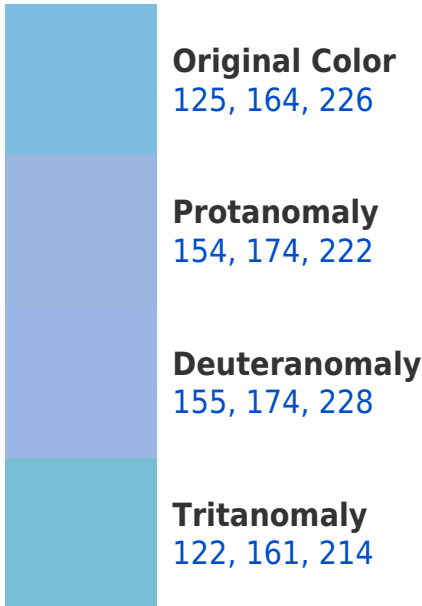
Dichromacy



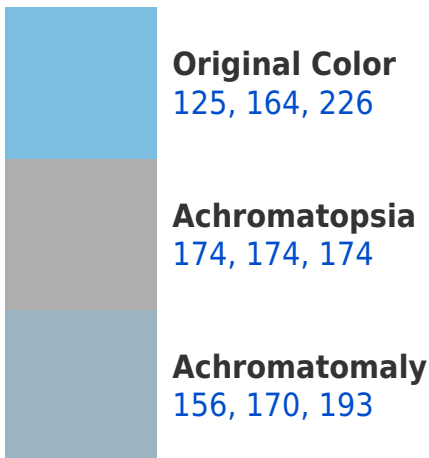


Tritanopia
120, 159, 207

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RYB 125, 164, 226 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, 189, 226)` looks like.

```
.text, #text, p{  
    color:rgb(125, 189, 226)  
}
```

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, 189, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 189, 226) }
```

Border

The CSS property to change the border of an element to RYB 125, 164, 226 is called "border". The border property can be set on classes, ids or directly on the HTML element.

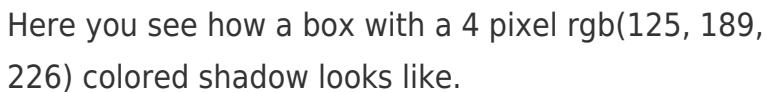
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(125, 189, 226) }
```

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

```
.border{ border-color:rgb(125, 189, 226) }
```

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



Here you see how a box with a 4 pixel `rgb(125, 189, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(125, 189, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(125, 189, 226); box-shadow:4px 4px 4px 4px rgb(125, 189, 226) }
```

Background

The CSS property to change the background color of an element to RYB 125, 164, 226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 189, 226) }
```

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

```
.background{ background-color: rgb(125,  
189, 226) }
```

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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