

Converting Colors

`RYB(142, 176, 226)`

Have a look what the booklet for
RYB(142, 176, 226) contains.

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Color

R_YB(142, 176, 226)

Conversions

Conversions Part 1

Format	Color
Hex	8EC7E2
RGB	142, 199, 226
RGB Percent	56%, 78%, 89%
CMY	0.4431, 0.2191, 0.1137
CMYK	0.37, 0.12, 0.00, 0.11
HSL	199°, 59%, 72%
HSV	199°, 37%, 89%
XYZ	45.3338, 52.1439, 79.6269
YIQ	185.0350, -42.6390, -3.6870

Conversions

Conversions Part 2

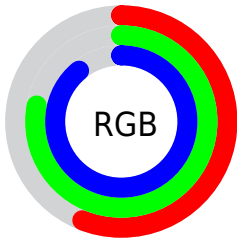
Format	Color
RYB	142, 176, 226
Decimal	9357282
CIELab	77.37, -11.78, -19.21
CIELCh	77, 22.538, 238.477
Yxy	52.1439, 0.2560, 0.2944
Android (android.graphics.Color)	4287547362 (0xFF8EC7E2)
YUV	185.0350, 20.1957, -37.7417
Hunter-Lab	72.2107, -14.3065, -14.8317

Details

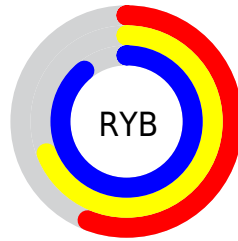
The RYB color **142, 176, 226** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **226, 182, 142**, and the grayscale version is **185, 185, 185**.

A 20% lighter version of the original color is **198, 227, 255**, and **88, 122, 171** is the 20% darker color. If you saturate the color by 10%, you get **119, 162, 226**, and if you desaturate by 10%, it is **165, 190, 226**.

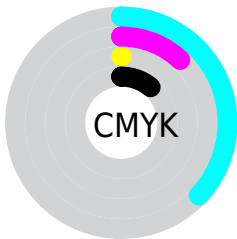
Distribution



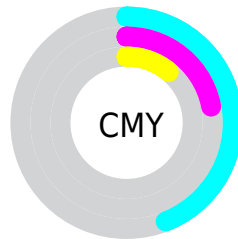
- Red (56%)
- Green (78%)
- Blue (89%)



- Red (56%)
- Yellow (69%)
- Blue (89%)



- Cyan (37%)
- Magenta (12%)
- Yellow (0%)
- Black (11%)




- Cyan (44%)
- Magenta (22%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RYB color 142, 176, 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 142, 176, 226 by changing the saturation by 10% instead.

 142, 176, 226


255, 255, 255


 198, 227, 255

 227, 241, 255

 142, 176, 226

 115, 149, 198


 88, 122, 171

 60, 95, 144

 30, 67, 118

 0, 40, 94

 0, 29, 70

 0, 18, 47

 0, 1, 27

 0, 0, 0

■ 142, 176, 226

■ 142, 176, 226

■ 119, 162, 226

■ 165, 190, 226

■ 97, 149, 226

■ 187, 203, 226

■ 74, 135, 226

■ 210, 217, 226

■ 52, 122, 226

■ 232, 229, 226

■ 29, 109, 226

■ 255, 239, 226

■ 6, 95, 226

■ 246, 255, 226

■ 0, 92, 226

■ 232, 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.



133, 170, 210



142, 176, 226



165, 185, 232

Triad

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



142, 176, 226



232, 176, 193



154, 196, 164

Complementary

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



142, 176, 226



226, 182, 142

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.



178, 208, 150



142, 176, 226



234, 179, 172

Square

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



142, 176, 226



217, 180, 213



225, 198, 156



162, 195, 201

Rectangle

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



142, 176, 226



184, 189, 230



225, 198, 156



151, 194, 152

Sweetspot

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



142, 176, 226



227, 238, 255



142, 206, 226



111, 118, 128



0, 0, 0



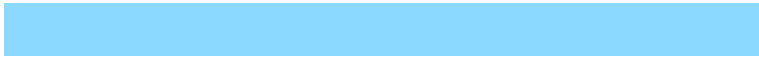
128, 128, 128

Same Dimension

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



142, 176, 226



140, 186, 255



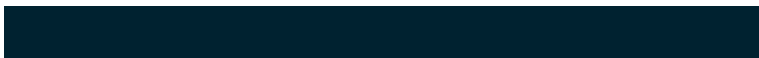
142, 155, 226



101, 106, 112



0, 71, 176



0, 20, 48

Inverse Universe

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



226, 142, 199



255, 140, 218



160, 226, 142



112, 101, 109



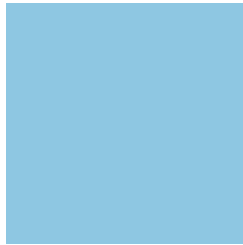
176, 0, 120



48, 0, 33

Previews

White Background



This preview shows how the RYB color 142, 176, 226 looks on a white background.

Color Contrast Check

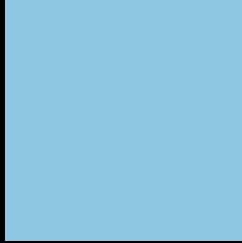
Large Text (above 18pt) WCAG AA × Fail

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 142, 176, 226 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

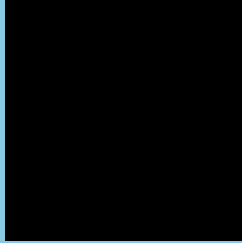
Any Text WCAG AA ✓ Pass

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 142, 176, 226 Background



This preview shows how black text looks on a background with the RYB color 142, 176, 226.

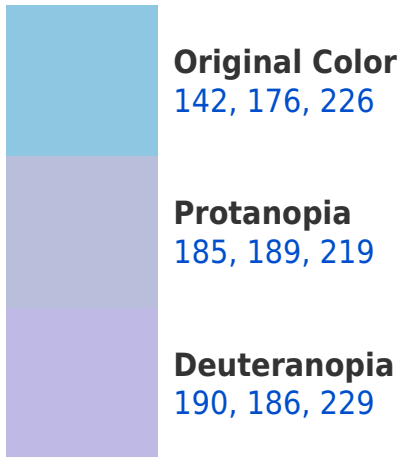


This preview shows how white text looks on a background with the RYB color 142, 176, 226.

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
140, 174, 217

Trichromacy



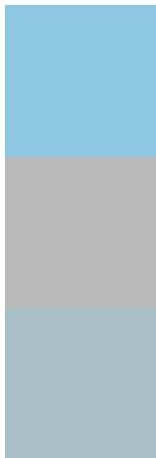
Original Color
142, 176, 226

Protanomaly
169, 186, 222

Deuteranomaly
173, 187, 228

Tritanomaly
141, 175, 220

Monochromacy



Original Color
142, 176, 226

Achromatopsia
185, 185, 185

Achromatomaly
169, 182, 200

CSS Examples

Text

The CSS property to change the color of the text to RYB 142, 176, 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(142, 199, 226)` looks like.

```
.text, #text, p{  
    color:rgb(142, 199, 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(142, 199, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 199, 226) }
```

Border

The CSS property to change the border of an element to RYB 142, 176, 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(142, 199, 226) }
```

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

```
.border{ border-color:rgb(142, 199, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 199, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 199, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 199, 226);  
box-shadow:4px 4px 4px 4px rgb(142, 199,  
226) }
```

Background

The CSS property to change the background color of an element to RYB 142, 176, 226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 199, 226) }
```

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

```
.background{ background-color: rgb(142,  
199, 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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