

Converting Colors

`RYB(79, 141, 235)`

Have a look what the booklet for RYB(79, 141, 235) contains.

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Color

`RYB(79, 141, 235)`

Conversions

Conversions Part 1

Format	Color
Hex	4FB6EB
RGB	79, 182, 235
RGB Percent	31%, 71%, 92%
CMY	0.6902, 0.2867, 0.0784
CMYK	0.66, 0.23, 0.00, 0.08
HSL	200°, 80%, 62%
HSV	200°, 66%, 92%
XYZ	34.9260, 41.0728, 84.6843
YIQ	157.2450, -78.4010, -5.3530

Conversions

Conversions Part 2

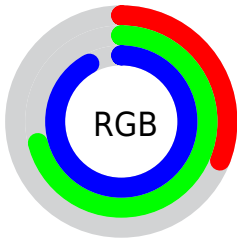
Format	Color
RYB	79, 141, 235
Decimal	5224171
CIELab	70.23, -13.54, -35.26
CIElCh	70, 37.769, 248.996
Yxy	41.0728, 0.2174, 0.2556
Android (android.graphics.Color)	4283414251 (0xFF4FB6EB)
YUV	157.2450, 38.3332, -68.6209
Hunter-Lab	64.0880, -14.8770, -33.4827

Details

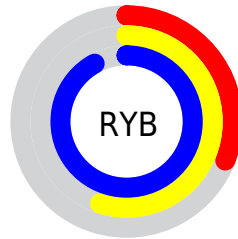
The RYB color **79, 141, 235** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light muted azure. A complement of this color would be **235, 159, 79**, and the grayscale version is **157, 157, 157**.

A 20% lighter version of the original color is **143, 194, 255**, and **0, 75, 179** is the 20% darker color. If you saturate the color by 10%, you get **56, 127, 235**, and if you desaturate by 10%, it is **103, 155, 235**.

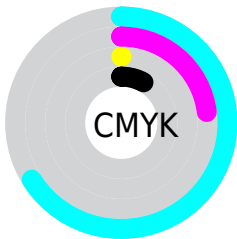
Distribution



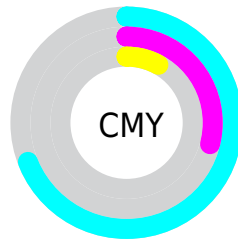
- Red (31%)
- Green (71%)
- Blue (92%)



- Red (31%)
- Yellow (55%)
- Blue (92%)



- Cyan (66%)
- Magenta (23%)
- Yellow (0%)
- Black (8%)



















- Cyan (69%)
- Magenta (29%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the RYB color 79, 141, 235 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 79, 141, 235 by changing the saturation by 10% instead.

 79, 141, 235	 79, 141, 235
 255, 255, 255	 39, 108, 207
 143, 194, 255	 0, 75, 179
 173, 214, 255	 0, 62, 152
 204, 230, 255	 0, 49, 126
 234, 245, 255	 0, 36, 101
	 0, 24, 76
	 0, 5, 54
	 0, 2, 31
	 0, 0, 3

■ 79, 141, 235

■ 79, 141, 235

■ 56, 127, 235

■ 103, 155, 235

■ 32, 113, 235

■ 126, 169, 235

■ 9, 99, 235

■ 149, 183, 235

■ 0, 93, 235

■ 173, 198, 235

■ 197, 212, 235

■ 220, 226, 235

■ 244, 240, 235

■ 251, 255, 235

■ 236, 255, 235

Harmonies

Analogous

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



24, 112, 214



79, 141, 235



139, 164, 239

Triad

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



79, 141, 235



238, 145, 162



117, 182, 152

Complementary

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



79, 141, 235



235, 159, 79

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.



116, 184, 103



79, 141, 235



234, 155, 130

Square

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



79, 141, 235



223, 148, 197



215, 213, 108



104, 160, 188

Rectangle

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



79, 141, 235



174, 163, 232



215, 213, 108



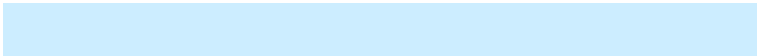
110, 180, 130

Sweetspot

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



79, 141, 235



204, 224, 255



79, 196, 235



97, 109, 128



0, 0, 0



128, 128, 128

Same Dimension

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



79, 141, 235



51, 132, 255



79, 101, 235



106, 110, 117



0, 72, 181



0, 21, 54

Inverse Universe

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



235, 79, 182



255, 51, 186



110, 235, 79



117, 106, 113



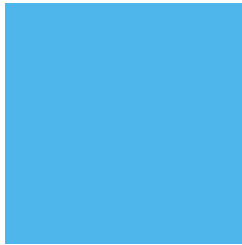
181, 0, 119



54, 0, 35

Previews

White Background



This preview shows how the RYB color 79, 141, 235 looks on a white background.

Color Contrast Check

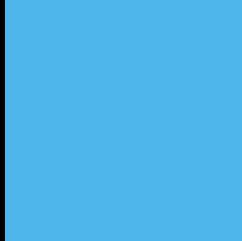
Large Text (above 18pt) WCAG AA × Fail

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 79, 141, 235 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

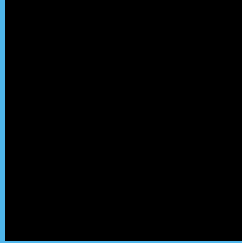
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

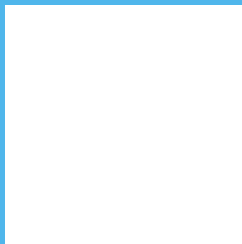
Any Text WCAG AAA ✓ Pass

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

RYB 79, 141, 235 Background



This preview shows how black text looks on a background with the RYB color 79, 141, 235.

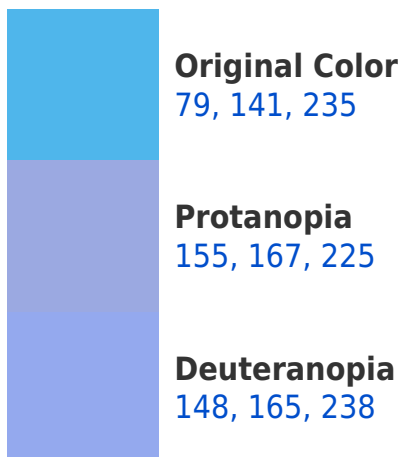


This preview shows how white text looks on a background with the RYB color 79, 141, 235.

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
61, 128, 203

Trichromacy



Original Color
79, 141, 235



Protanomaly
127, 159, 229



Deuteranomaly
123, 158, 237



Tritanomaly
68, 133, 215

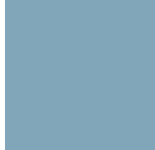
Monochromacy



Original Color
79, 141, 235



Achromatopsia
157, 157, 157



Achromatomaly
129, 151, 185

CSS Examples

Text

The CSS property to change the color of the text to RYB 79, 141, 235 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(79, 182, 235)` looks like.

```
.text, #text, p{  
    color:rgb(79, 182, 235)  
}
```

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(79, 182, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 182, 235) }
```

Border

The CSS property to change the border of an element to RYB 79, 141, 235 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(79, 182, 235) }
```

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

```
.border{ border-color:rgb(79, 182, 235) }
```

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

Here you see how a box with a 4 pixel rgb(79, 182, 235) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 182, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 182, 235);  
box-shadow:4px 4px 4px 4px rgb(79, 182,  
235) }
```

Background

The CSS property to change the background color of an element to RGB 79, 141, 235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 182, 235) }
```

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

```
.background{ background-color: rgb(79, 182,  
235) }
```

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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