

Converting Colors

`RYB(79, 142, 235)`

Have a look what the booklet for
RYB(79, 142, 235) contains.

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Color

`RYB(79, 142, 235)`

Conversions

Conversions Part 1

Format	Color
Hex	4FB9EB
RGB	79, 185, 235
RGB Percent	31%, 73%, 92%
CMY	0.6902, 0.2758, 0.0784
CMYK	0.66, 0.21, 0.00, 0.08
HSL	199°, 80%, 62%
HSV	199°, 66%, 92%
XYZ	35.5014, 42.2235, 84.8761
YIQ	159.0060, -79.2260, -6.9220

Conversions

Conversions Part 2

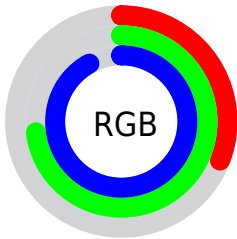
Format	Color
RYB	79, 142, 235
Decimal	5224939
CIELab	71.02, -15.02, -34.02
CIElCh	71, 37.191, 246.178
Yxy	42.2235, 0.2183, 0.2597
Android (android.graphics.Color)	4283415019 (0xFF4FB9EB)
YUV	159.0060, 37.4650, -70.1653
Hunter-Lab	64.9796, -16.1915, -31.9586

Details

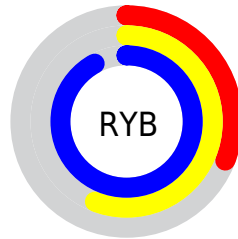
The RYB color **79, 142, 235** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light muted azure. A complement of this color would be **235, 153, 79**, and the grayscale version is **159, 159, 159**.

A 20% lighter version of the original color is **143, 195, 255**, and **0, 76, 179** is the 20% darker color. If you saturate the color by 10%, you get **56, 128, 235**, and if you desaturate by 10%, it is **103, 156, 235**.

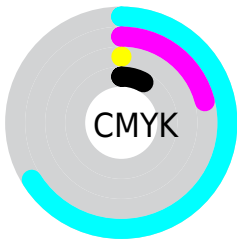
Distribution



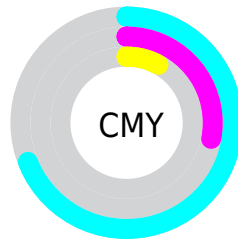
- Red (31%)
- Green (73%)
- Blue (92%)



- Red (31%)
- Yellow (56%)
- Blue (92%)



- Cyan (66%)
- Magenta (21%)
- Yellow (0%)
- Black (8%)




















- Cyan (69%)
- Magenta (28%)
- Yellow (8%)


Brightness & Saturation Gradients


These gradients show how the RYB color 79, 142, 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, 142, 235 by changing the saturation by 10% instead.


 79, 142, 235	 79, 142, 235
 255, 255, 255	 38, 108, 207
 143, 195, 255	 0, 76, 179
 173, 214, 255	 0, 62, 152
 204, 230, 255	 0, 50, 126
 234, 245, 255	 0, 37, 101
	 0, 25, 76
	 0, 10, 54
	 0, 2, 32
	 0, 0, 3

 79, 142, 235

 79, 142, 235


 56, 128, 235

 103, 156, 235


 32, 114, 235

 126, 170, 235

 9, 100, 235

 149, 184, 235

 0, 95, 235

 173, 198, 235

 197, 212, 235

 220, 226, 235

 244, 240, 235

 255, 255, 235

 237, 255, 235

Harmonies

Analogous

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



37, 119, 213



79, 142, 235



137, 165, 241

Triad

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



79, 142, 235



239, 148, 168



118, 184, 149

Complementary

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



79, 142, 235



235, 153, 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.



126, 190, 106



79, 142, 235



237, 155, 136

Square

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



79, 142, 235



222, 152, 202



219, 204, 113



112, 167, 190

Rectangle

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



79, 142, 235



172, 167, 235



219, 204, 113



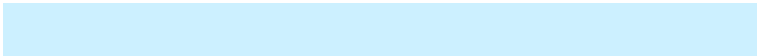
112, 181, 127

Sweetspot

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



79, 142, 235



204, 225, 255



79, 198, 235



97, 110, 128



0, 0, 0



128, 128, 128

Same Dimension

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



79, 142, 235



51, 133, 255



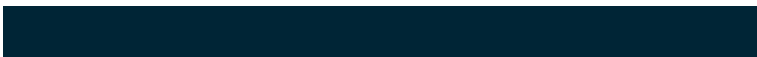
79, 103, 235



106, 111, 117



0, 73, 181



0, 22, 54

Inverse Universe

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



235, 79, 185



255, 51, 189



115, 235, 79



117, 106, 114



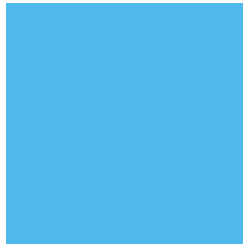
181, 0, 123



54, 0, 36

Previews

White Background



This preview shows how the RYB color 79, 142, 235 looks on a white background.

Color Contrast Check

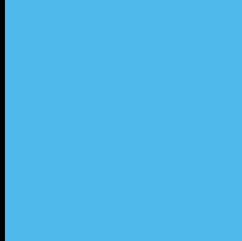
Large Text (above 18pt) WCAG AA × Fail

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, 142, 235 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

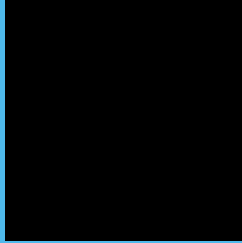
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

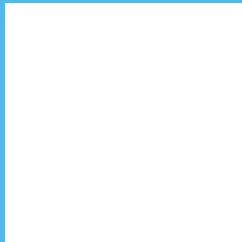
Any Text WCAG AAA ✓ Pass

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

R Y B 79, 142, 235 Background



This preview shows how black text looks on a background with the R Y B color 79, 142, 235.

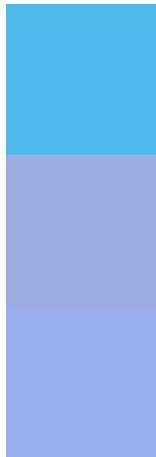


This preview shows how white text looks on a background with the R Y B color 79, 142, 235.

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](#).

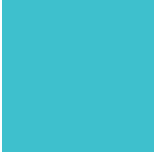
Dichromacy



Original Color
79, 142, 235

Protanopia
158, 169, 225

Deuteranopia
152, 168, 238



Tritanopia
62, 130, 205

Trichromacy



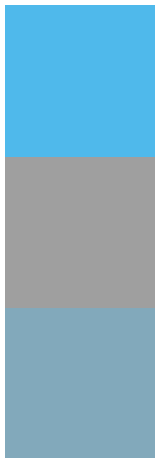
Original Color
79, 142, 235

Protanomaly
129, 161, 229

Deuteranomaly
125, 160, 237

Tritanomaly
68, 134, 216

Monochromacy



Original Color
79, 142, 235

Achromatopsia
159, 159, 159

Achromatomaly
130, 153, 187

CSS Examples

Text

The CSS property to change the color of the text to RYB 79, 142, 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, 185, 235)` looks like.

```
.text, #text, p{  
    color:rgb(79, 185, 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, 185, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 185, 235) }
```

Border

The CSS property to change the border of an element to RYB 79, 142, 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, 185, 235) }
```

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

```
.border{ border-color:rgb(79, 185, 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, 185, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 185, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 185, 235);  
box-shadow:4px 4px 4px 4px rgb(79, 185,  
235) }
```

Background

The CSS property to change the background color of an element to RGB 79, 142, 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, 185, 235) }
```

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

```
.background{ background-color: rgb(79, 185,  
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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