

Converting Colors

`RYB(110, 193, 219)`

Have a look what the booklet for
RYB(110, 193, 219) contains.

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Color

R_YB(110, 193, 219)

Conversions

Conversions Part 1

Format	Color
Hex	6EDB90
RGB	110, 219, 144
RGB Percent	43%, 86%, 56%
CMY	0.5686, 0.1412, 0.4347
CMYK	0.50, 0.00, 0.34, 0.14
HSL	139°, 60%, 65%
HSV	139°, 50%, 86%
XYZ	36.8070, 55.9961, 35.3119
YIQ	177.8590, -40.8890, -46.4330

Conversions

Conversions Part 2

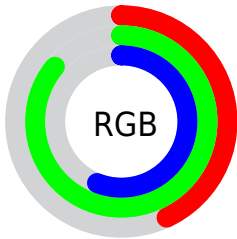
Format	Color
RYB	110, 193, 219
Decimal	7265168
CIELab	79.61, -47.67, 27.44
CIELCh	80, 55.004, 150.077
Yxy	55.9961, 0.2873, 0.4371
Android (android.graphics.Color)	4285455248 (0xFF6EDB90)
YUV	177.8590, -16.6925, -59.5123
Hunter-Lab	74.8305, -43.1543, 24.4029

Details

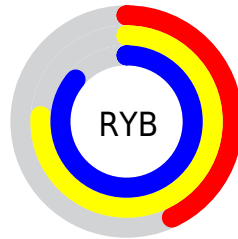
The RYB color **110, 193, 219** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **219, 110, 185**, and the grayscale version is **178, 178, 178**.

A 20% lighter version of the original color is **167, 232, 255**, and **49, 131, 163** is the 20% darker color. If you saturate the color by 10%, you get **88, 188, 219**, and if you desaturate by 10%, it is **132, 198, 219**.

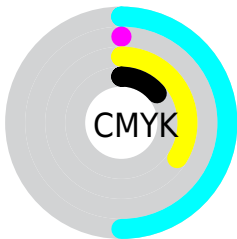
Distribution



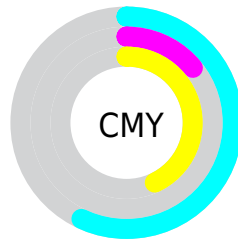
- Red (43%)
- Green (86%)
- Blue (56%)



- Red (43%)
- Yellow (76%)
- Blue (86%)



- Cyan (50%)
- Magenta (0%)
- Yellow (34%)
- Black (14%)



- Cyan (57%)
- Magenta (14%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the RYB color 110, 193, 219 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 110, 193, 219 by changing the saturation by 10% instead.

 110, 193, 219


255, 255, 255


 167, 232, 255


 197, 235, 255

 226, 241, 255

 110, 193, 219

 81, 163, 191

 49, 131, 163

 0, 90, 136

 0, 78, 110

 0, 67, 85

 0, 60, 60


 0, 39, 39


 0, 0, 0

 110, 193, 219


 110, 193, 219

 88, 188, 219


 132, 198, 219

 66, 182, 219

 154, 204, 219

 44, 177, 219


 176, 209, 219


 22, 172, 219

 198, 214, 219

 1, 167, 219

 220, 219, 219

 0, 167, 219

 241, 219, 234

 255, 219, 249

 255, 219, 255

Harmonies

Analogous

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



105, 209, 139



110, 193, 219



0, 119, 223

Triad

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



110, 193, 219



106, 165, 255



255, 161, 149

Complementary

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



110, 193, 219



219, 110, 185

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.



255, 154, 199



110, 193, 219



201, 184, 255

Square

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



110, 193, 219



0, 117, 255



255, 165, 249



255, 233, 109

Rectangle

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



110, 193, 219



0, 113, 231



255, 165, 249



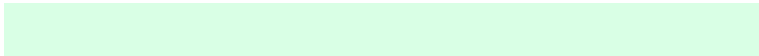
255, 156, 165

Sweetspot

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



110, 193, 219



217, 246, 255



110, 219, 143



105, 123, 128



0, 0, 0



128, 128, 128

Same Dimension

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



110, 193, 219



102, 218, 255



110, 171, 219



99, 108, 110



0, 132, 173



0, 35, 46

Inverse Universe

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



219, 110, 185



255, 102, 207



219, 110, 132



110, 99, 106



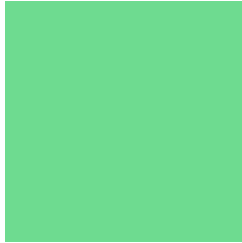
173, 0, 119



46, 0, 32

Previews

White Background



This preview shows how the RYB color 110, 193, 219 looks on a white background.

Color Contrast Check

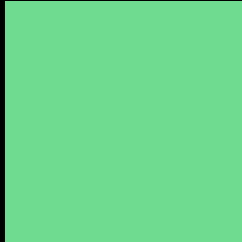
Large Text (above 18pt) WCAG AA × Fail

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 110, 193, 219 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

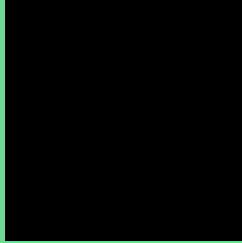
Any Text WCAG AA ✓ Pass

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 110, 193, 219 Background



This preview shows how black text looks on a background with the RYB color 110, 193, 219.

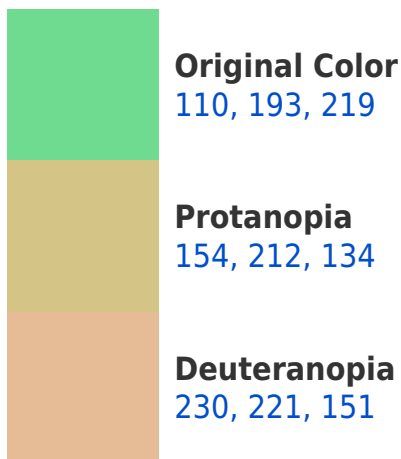


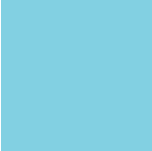
This preview shows how white text looks on a background with the RYB color 110, 193, 219.

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
130, 173, 226

Trichromacy



Original Color

110, 193, 219



Protanomaly

138, 204, 167



Deuteranomaly

149, 199, 162



Tritanomaly

123, 173, 213

Monochromacy



Original Color

110, 193, 219



Achromatopsia

178, 178, 178



Achromatomaly

153, 183, 193

CSS Examples

Text

The CSS property to change the color of the text to RYB 110, 193, 219 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(110, 219, 144)` looks like.

```
.text, #text, p{  
    color:rgb(110, 219, 144)  
}
```

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(110, 219, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 219, 144) }
```

Border

The CSS property to change the border of an element to RYB 110, 193, 219 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(110, 219, 144) }
```

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

```
.border{ border-color:rgb(110, 219, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 219, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 219, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 219, 144);  
box-shadow:4px 4px 4px 4px rgb(110, 219,  
144) }
```

Background

The CSS property to change the background color of an element to RGB 110, 193, 219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 219, 144) }
```

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

```
.background{ background-color: rgb(110,  
219, 144) }
```

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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