

Converting Colors

`RYB(94, 186, 219)`

Have a look what the booklet for
RYB(94, 186, 219) contains.

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Color

RYB(94, 186, 219)

Conversions

Conversions Part 1

Format	Color
Hex	5EDB8B
RGB	94, 219, 139
RGB Percent	37%, 86%, 55%
CMY	0.6314, 0.1412, 0.4555
CMYK	0.57, 0.00, 0.37, 0.14
HSL	142°, 63%, 61%
HSV	142°, 57%, 86%
XYZ	34.5959, 54.9020, 33.1374
YIQ	172.5050, -48.8200, -51.3800

Conversions

Conversions Part 2

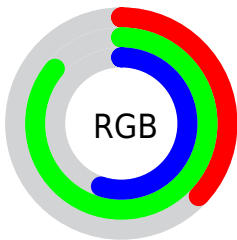
Format	Color
RYB	94, 186, 219
Decimal	6216587
CIELab	78.98, -52.42, 29.24
CIELCh	79, 60.022, 150.849
Yxy	54.9020, 0.2821, 0.4477
Android (android.graphics.Color)	4284406667 (0xFF5EDB8B)
YUV	172.5050, -16.5180, -68.8489
Hunter-Lab	74.0959, -46.3249, 25.3512

Details

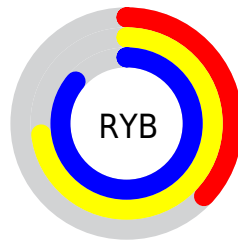
The RYB color **94, 186, 219** is a dark color, and the websafe version is hex **66CC66**. The color can be described as middle muted spring green. A complement of this color would be **219, 94, 174**, and the grayscale version is **173, 173, 173**.

A 20% lighter version of the original color is **153, 226, 255**, and **18, 116, 163** is the 20% darker color. If you saturate the color by 10%, you get **72, 180, 219**, and if you desaturate by 10%, it is **116, 192, 219**.

Distribution



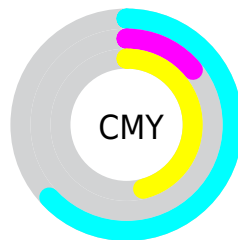
- Red (37%)
- Green (86%)
- Blue (55%)



- Red (37%)
- Yellow (73%)
- Blue (86%)



- Cyan (57%)
- Magenta (0%)
- Yellow (37%)
- Black (14%)



- Cyan (63%)
- Magenta (14%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the RYB color 94, 186, 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 94, 186, 219 by changing the saturation by 10% instead.



94, 186, 219



94, 186, 219

255, 255, 255



62, 154, 191



153, 226, 255



18, 116, 163



183, 230, 255



0, 92, 136



213, 235, 255



0, 81, 110



243, 249, 255



0, 70, 84



0, 60, 60



0, 37, 37




0, 0, 0




94, 186, 219





94, 186, 219

 72, 180, 219

 116, 192, 219

 50, 174, 219

 138, 198, 219

 28, 168, 219

 160, 204, 219

 6, 162, 219

 182, 209, 219

 0, 161, 219

 204, 215, 219

 225, 219, 223

 247, 219, 237

 255, 219, 251

 255, 219, 255

Harmonies

Analogous

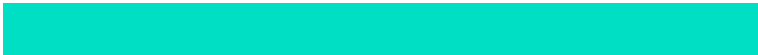
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95, 209, 135



94, 186, 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.



94, 186, 219



88, 155, 255



255, 156, 141

Complementary

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



94, 186, 219



219, 94, 174

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, 147, 196



94, 186, 219



200, 180, 255

Square

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



94, 186, 219



0, 117, 255



255, 159, 251



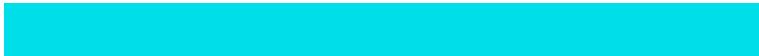
255, 242, 98

Rectangle

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



94, 186, 219



0, 114, 234



255, 159, 251



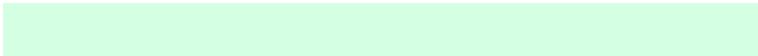
255, 150, 159

Sweetspot

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



94, 186, 219



212, 244, 255



94, 219, 138



102, 121, 128



0, 0, 0



128, 128, 128

Same Dimension

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



94, 186, 219



82, 209, 255



94, 162, 219



99, 107, 110



0, 127, 173



0, 34, 46

Inverse Universe

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



219, 94, 174



255, 82, 193



219, 94, 113



110, 99, 106



173, 0, 111



46, 0, 29

Previews

White Background



This preview shows how the RYB color 94, 186, 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 94, 186, 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

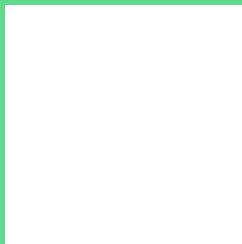
Any Text WCAG AAA ✓ Pass

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

RGB 94, 186, 219 Background



This preview shows how black text looks on a background with the RGB color 94, 186, 219.

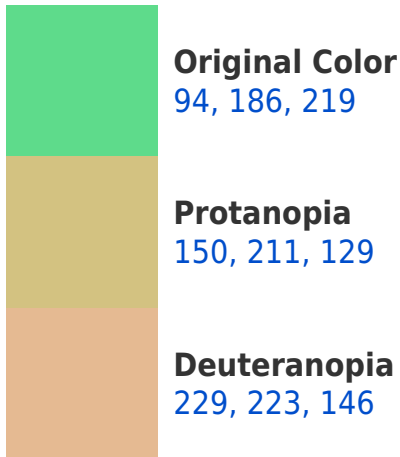


This preview shows how white text looks on a background with the RGB color 94, 186, 219.

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
118, 167, 225

Trichromacy



Original Color

94, 186, 219



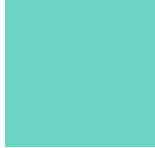
Protanomaly

133, 203, 168



Deuteranomaly

143, 198, 161



Tritanomaly

109, 165, 212

Monochromacy



Original Color

94, 186, 219



Achromatopsia

172, 172, 172



Achromatomaly

144, 177, 189

CSS Examples

Text

The CSS property to change the color of the text to RYB 94, 186, 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(94, 219, 139)` looks like.

```
.text, #text, p{  
    color:rgb(94, 219, 139)  
}
```

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(94, 219, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 219, 139) }
```

Border

The CSS property to change the border of an element to RYB 94, 186, 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(94, 219, 139) }
```

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

```
.border{ border-color:rgb(94, 219, 139) }
```

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

Here you see how a box with a 4 pixel rgb(94, 219, 139) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 219, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 219, 139);  
box-shadow:4px 4px 4px 4px rgb(94, 219,  
139) }
```

Background

The CSS property to change the background color of an element to RYB 94, 186, 219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 219, 139) }
```

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

```
.background{ background-color: rgb(94, 219,  
139) }
```

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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