

Converting Colors

`RYB(94, 132, 184)`

Have a look what the booklet for
RYB(94, 132, 184) contains.

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Color

$\text{RYB}(94, 132, 184)$

Conversions

Conversions Part 1

Format	Color
Hex	5EA0B8
RGB	94, 160, 184
RGB Percent	37%, 63%, 72%
CMY	0.6314, 0.3735, 0.2784
CMYK	0.49, 0.13, 0.00, 0.28
HSL	196°, 39%, 55%
HSV	196°, 49%, 72%
XYZ	25.7987, 30.9020, 49.9524
YIQ	143.0020, -47.0400, -6.5280

Conversions

Conversions Part 2

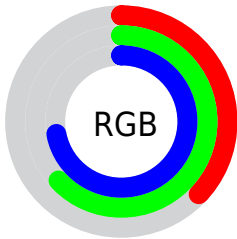
Format	Color
RYB	94, 132, 184
Decimal	6201528
CIELab	62.42, -14.30, -19.04
CIELCh	62, 23.811, 233.080
Yxy	30.9020, 0.2419, 0.2897
Android (android.graphics.Color)	4284391608 (0xFF5EA0B8)
YUV	143.0020, 20.2120, -42.9748
Hunter-Lab	55.5896, -14.4415, -14.3648

Details

The RYB color **94, 132, 184** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **184, 127, 94**, and the grayscale version is **143, 143, 143**.

A 20% lighter version of the original color is **149, 187, 240**, and **35, 76, 131** is the 20% darker color. If you saturate the color by 10%, you get **76, 122, 184**, and if you desaturate by 10%, it is **112, 143, 184**.

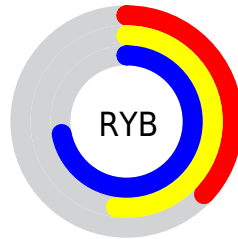
Distribution



Red (37%)

Green (63%)

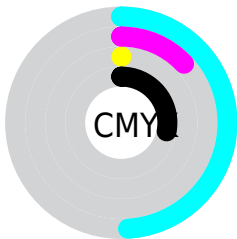
Blue (72%)



Red (37%)

Yellow (52%)

Blue (72%)

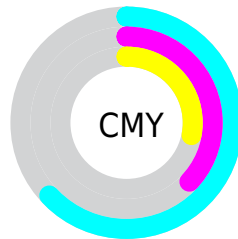


Cyan (49%)

Magenta (13%)

Yellow (0%)

Black (28%)



Cyan (63%)


















Magenta (37%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the RYB color 94, 132, 184 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, 132, 184 by changing the saturation by 10% instead.

 94, 132, 184	 94, 132, 184
 255, 255, 255	 66, 105, 157
 149, 187, 240	 36, 77, 131
 178, 213, 255	 0, 47, 106
 206, 231, 255	 0, 35, 81
 235, 245, 255	 0, 23, 58
	 0, 12, 37
	 0, 1, 14
	 0, 0, 0
 94, 132, 184	 94, 132, 184

■ 76, 122, 184

■ 112, 143, 184

■ 57, 111, 184

■ 131, 153, 184

■ 39, 100, 184

■ 149, 164, 184

■ 20, 89, 184

■ 168, 175, 184

■ 2, 79, 184

■ 186, 186, 184

■ 0, 78, 184

■ 204, 191, 184

■ 223, 197, 184

■ 241, 204, 184

■ 255, 212, 184

Harmonies

Analogous

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



88, 126, 167



94, 132, 184



118, 142, 192

Triad

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



94, 132, 184



190, 136, 157



112, 155, 118

Complementary

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



94, 132, 184



184, 127, 94

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.



146, 171, 109



94, 132, 184



194, 136, 135

Square

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



94, 132, 184



173, 140, 177



187, 153, 118



125, 160, 160

Rectangle

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



94, 132, 184



138, 148, 192



187, 153, 118



114, 157, 110

Sweetspot

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



94, 132, 184



204, 219, 240



94, 165, 184



98, 107, 120



247, 247, 247



120, 120, 120

Same Dimension

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



94, 132, 184



98, 158, 240



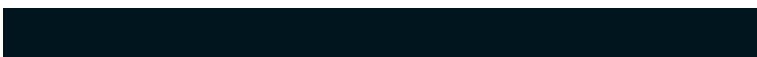
94, 111, 184



83, 87, 92



0, 66, 156



0, 12, 28

Inverse Universe

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



184, 94, 160



240, 98, 202



121, 184, 94



92, 83, 89



156, 0, 114



28, 0, 20

Previews

White Background



This preview shows how the RYB color 94, 132, 184 looks on a white background.

Color Contrast Check

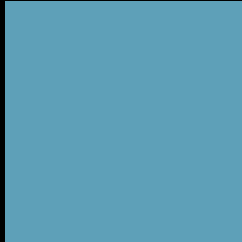
Large Text (above 18pt) WCAG AA × Fail

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, 132, 184 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

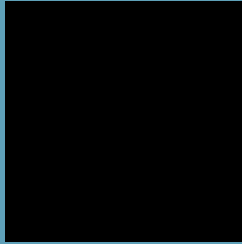
Any Text WCAG AA ✓ Pass

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 94, 132, 184 Background



This preview shows how black text looks on a background with the RYB color 94, 132, 184.



This preview shows how white text looks on a background with the RYB color 94, 132, 184.

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
94, 132, 184

Protanopia
145, 149, 177

Deuteranopia
146, 147, 187



Tritanopia
91, 129, 174

Trichromacy



Original Color
94, 132, 184

Protanomaly
126, 144, 180

Deuteranomaly
127, 145, 186

Tritanomaly
92, 130, 178

Monochromacy



Original Color
94, 132, 184

Achromatopsia
143, 143, 143

Achromatomaly
125, 139, 158

CSS Examples

Text

The CSS property to change the color of the text to RYB 94, 132, 184 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, 160, 184)` looks like.

```
.text, #text, p{  
    color:rgb(94, 160, 184)  
}
```

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, 160, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 160, 184) }
```

Border

The CSS property to change the border of an element to RYB 94, 132, 184 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, 160, 184) }
```

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

```
.border{ border-color:rgb(94, 160, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 160, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 160, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 160, 184);  
box-shadow:4px 4px 4px 4px rgb(94, 160,  
184) }
```

Background

The CSS property to change the background color of an element to RGB 94, 132, 184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 160, 184) }
```

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

```
.background{ background-color: rgb(94, 160,  
184) }
```

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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