

Converting Colors

`RYB(92, 139, 215)`

Have a look what the booklet for RYB(92, 139, 215) contains.

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Color

$\text{RYB}(92, 139, 215)$

Conversions

Conversions Part 1

Format	Color
Hex	5CA8D7
RGB	92, 168, 215
RGB Percent	36%, 66%, 84%
CMY	0.6392, 0.3409, 0.1569
CMYK	0.57, 0.22, 0.00, 0.16
HSL	203°, 61%, 60%
HSV	203°, 57%, 84%
XYZ	30.6942, 35.2112, 69.4687
YIQ	150.6340, -60.3830, -1.4950

Conversions

Conversions Part 2

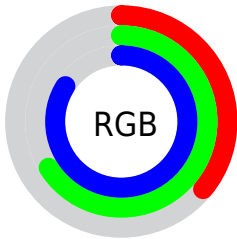
Format	Color
R _Y B	92, 139, 215
Decimal	6072535
CIE Lab	65.91, -10.03, -30.95
CIE LCh	66, 32.533, 252.036
Yxy	35.2112, 0.2267, 0.2601
Android (android.graphics.Color)	4284262615 (0xFF5CA8D7)
YUV	150.6340, 31.7324, -51.4220
Hunter-Lab	59.3390, -11.5109, -27.8740

Details

The RYB color **92, 139, 215** is a light color, and the websafe version is hex **3399CC**. The color can be described as light muted azure. A complement of this color would be **215, 168, 92**, and the grayscale version is **150, 150, 150**.

A 20% lighter version of the original color is **151, 194, 255**, and **19, 76, 160** is the 20% darker color. If you saturate the color by 10%, you get **70, 126, 215**, and if you desaturate by 10%, it is **113, 152, 215**.

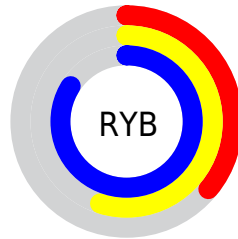
Distribution



Red (36%)

Green (66%)

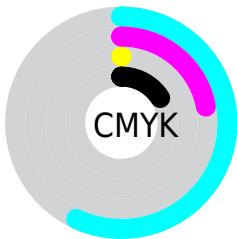
Blue (84%)



Red (36%)

Yellow (55%)

Blue (84%)

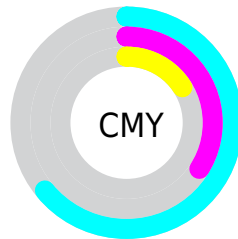


Cyan (57%)

Magenta (22%)

Yellow (0%)

Black (16%)



Cyan (64%)

















Magenta (34%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RYB color 92, 139, 215 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 92, 139, 215 by changing the saturation by 10% instead.

 92, 139, 215	 92, 139, 215
 255, 255, 255	 61, 110, 187
 151, 194, 255	 19, 76, 160
 180, 217, 255	 0, 55, 134
 209, 232, 255	 0, 42, 108
 239, 247, 255	 0, 30, 84
	 0, 18, 60
	 0, 3, 38
	 0, 1, 15
	 0, 0, 0

■ 92, 139, 215

■ 92, 139, 215

■ 70, 126, 215

■ 113, 152, 215

■ 49, 113, 215

■ 135, 165, 215

■ 27, 99, 215

■ 156, 179, 215

■ 6, 86, 215

■ 178, 192, 215

■ 0, 82, 215

■ 200, 206, 215

■ 221, 218, 215

■ 242, 231, 215

■ 255, 251, 215

■ 234, 255, 215

Harmonies

Analogous

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



57, 121, 198



92, 139, 215



138, 155, 217

Triad

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



92, 139, 215



218, 138, 149



116, 170, 150

Complementary

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



92, 139, 215



215, 168, 92

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.



109, 168, 102



92, 139, 215



213, 149, 122

Square

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



92, 139, 215



206, 140, 179



187, 195, 105



101, 149, 175

Rectangle

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



92, 139, 215



166, 152, 210



187, 195, 105



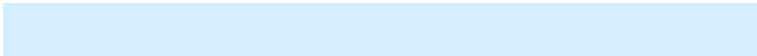
110, 168, 131

Sweetspot

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



92, 139, 215



212, 228, 255



92, 182, 215



102, 112, 128



0, 0, 0



128, 128, 128

Same Dimension

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



92, 139, 215



79, 146, 255



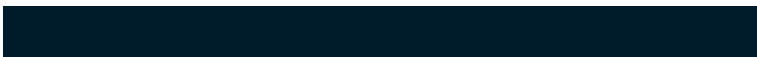
92, 106, 215



96, 100, 107



0, 65, 171



0, 17, 43

Inverse Universe

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



215, 92, 168



255, 79, 188



110, 215, 92



107, 96, 103



171, 0, 106



43, 0, 27

Previews

White Background



This preview shows how the RYB color 92, 139, 215 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 92, 139, 215 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

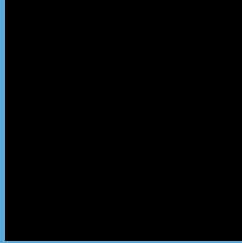
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

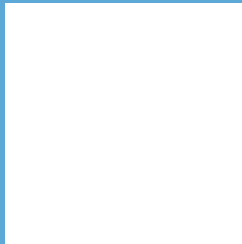
Any Text WCAG AAA ✓ Pass

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

R Y B 92, 139, 215 Background



This preview shows how black text looks on a background with the RYB color 92, 139, 215.

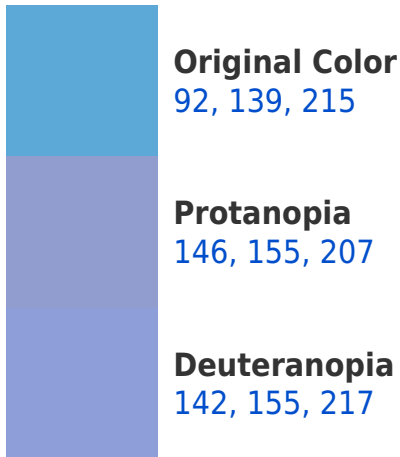


This preview shows how white text looks on a background with the RYB color 92, 139, 215.

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
81, 130, 187

Trichromacy



Original Color
92, 139, 215

Protanomaly
126, 151, 210

Deuteranomaly
124, 150, 216

Tritanomaly
85, 134, 197

Monochromacy



Original Color
92, 139, 215

Achromatopsia
151, 151, 151

Achromatomaly
130, 147, 174

CSS Examples

Text

The CSS property to change the color of the text to RYB 92, 139, 215 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(92, 168, 215)` looks like.

```
.text, #text, p{  
    color:rgb(92, 168, 215)  
}
```

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(92, 168, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 168, 215) }
```

Border

The CSS property to change the border of an element to RYB 92, 139, 215 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(92, 168, 215) }
```

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

```
.border{ border-color:rgb(92, 168, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 168, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 168, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 168, 215);  
box-shadow:4px 4px 4px 4px rgb(92, 168,  
215) }
```

Background

The CSS property to change the background color of an element to RGB 92, 139, 215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 168, 215) }
```

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

```
.background{ background-color: rgb(92, 168,  
215) }
```

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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