

Converting Colors

`RYB(93, 130, 230)`

Have a look what the booklet for RYB(93, 130, 230) contains.

RYB(93, 130, 230)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

$\text{RYB}(93, 130, 230)$

Conversions

Conversions Part 1

Format	Color
Hex	5D90E6
RGB	93, 144, 230
RGB Percent	36%, 56%, 90%
CMY	0.6353, 0.4365, 0.0980
CMYK	0.60, 0.38, 0.00, 0.10
HSL	218°, 73%, 63%
HSV	218°, 60%, 90%
XYZ	28.7235, 27.8931, 78.7329
YIQ	138.5550, -58.0020, 15.9340

Conversions

Conversions Part 2

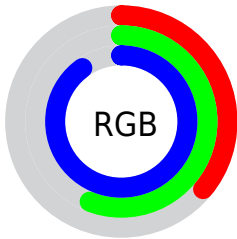
Format	Color
R _Y B	93, 130, 230
Decimal	6131942
CIE Lab	59.79, 8.84, -48.84
CIE LCh	60, 49.631, 280.265
Yxy	27.8931, 0.2122, 0.2061
Android (android.graphics.Color)	4284322022 (0xFF5D90E6)
YUV	138.5550, 45.0824, -39.9517
Hunter-Lab	52.8139, 4.6552, -51.4175

Details

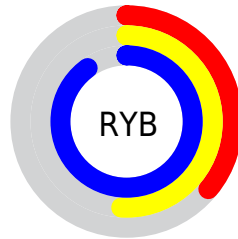
The RYB color **93, 130, 230** is a light color, and the websafe version is hex **6699FF**. The color can be described as light muted azure. A complement of this color would be **174, 230, 93**, and the grayscale version is **138, 138, 138**.

A 20% lighter version of the original color is **153, 184, 255**, and **13, 67, 174** is the 20% darker color. If you saturate the color by 10%, you get **70, 113, 230**, and if you desaturate by 10%, it is **116, 147, 230**.

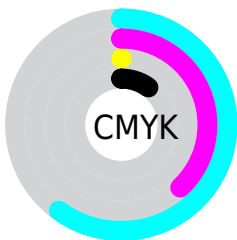
Distribution



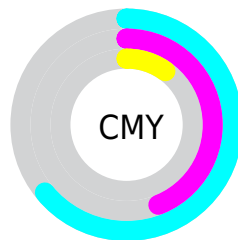
- Red (36%)
- Green (56%)
- Blue (90%)



- Red (36%)
- Yellow (51%)
- Blue (90%)



- Cyan (60%)
- Magenta (38%)
- Yellow (0%)
- Black (10%)





- Cyan (64%)
- Magenta (44%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the RYB color 93, 130, 230 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 93, 130, 230 by changing the saturation by 10% instead.

 93, 130, 230

 93, 130, 230

255, 255, 255

 60, 101, 202

 153, 184, 255

 13, 67, 174

 182, 209, 255

 0, 48, 147

 212, 233, 255

 0, 35, 121

 242, 249, 255

 0, 22, 95

 0, 2, 71

 0, 4, 48

 0, 1, 26

 0, 0, 0

■ 93, 130, 230

■ 93, 130, 230

■ 70, 113, 230

■ 116, 147, 230

■ 47, 97, 230

■ 139, 164, 230

■ 24, 80, 230

■ 162, 180, 230

■ 1, 63, 230

■ 185, 197, 230

■ 0, 62, 230

■ 208, 214, 230

■ 230, 231, 230

■ 244, 254, 230

■ 230, 255, 230

Harmonies

Analogous

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



0, 93, 226



93, 130, 230



167, 126, 211

Triad

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



93, 130, 230



218, 121, 90



28, 112, 164

Complementary

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



93, 130, 230



174, 230, 93

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.



74, 157, 124



93, 130, 230



173, 192, 60

Square

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



93, 130, 230



225, 106, 131



61, 154, 53



0, 85, 166

Rectangle

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



93, 130, 230



198, 115, 188



61, 154, 53



65, 137, 162

Sweetspot

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



93, 130, 230



209, 221, 255



93, 178, 230



99, 107, 128



0, 0, 0



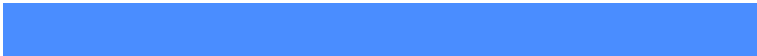
128, 128, 128

Same Dimension

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



93, 130, 230



74, 123, 255



109, 93, 230



103, 107, 115



0, 48, 179



0, 14, 51

Inverse Universe

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



230, 93, 144



255, 74, 141



93, 230, 109



115, 103, 108



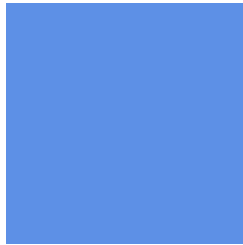
179, 0, 66



51, 0, 19

Previews

White Background



This preview shows how the RYB color 93, 130, 230 looks on a white background.

Color Contrast Check

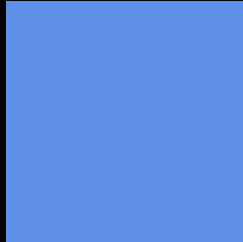
Large Text (above 18pt) WCAG AA ✓ Pass

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 93, 130, 230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

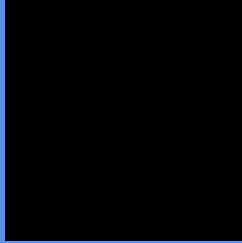
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

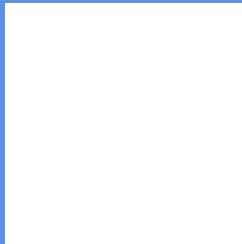
Any Text WCAG AAA × Fail

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

R Y B 93, 130, 230 Background



This preview shows how black text looks on a background with the RYB color 93, 130, 230.




This preview shows how white text looks on a background with the RYB color 93, 130, 230.

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
66, 114, 169

Trichromacy



Original Color
93, 130, 230

Protanomaly
104, 132, 228

Deuteranomaly
93, 130, 230

Tritanomaly
76, 122, 191

Monochromacy



Original Color
93, 130, 230

Achromatopsia
138, 138, 138

Achromatomaly
122, 135, 171

CSS Examples

Text

The CSS property to change the color of the text to RYB 93, 130, 230 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(93, 144, 230)` looks like.

```
.text, #text, p{  
    color:rgb(93, 144, 230)  
}
```

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(93, 144, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 144, 230) }
```

Border

The CSS property to change the border of an element to RYB 93, 130, 230 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(93, 144, 230) }
```

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

```
.border{ border-color:rgb(93, 144, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 144, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 144, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 144, 230);  
box-shadow:4px 4px 4px 4px rgb(93, 144,  
230) }
```

Background

The CSS property to change the background color of an element to RGB 93, 130, 230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 144, 230) }
```

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

```
.background{ background-color: rgb(93, 144,  
230) }
```

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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