

Converting Colors

`RYB(93, 93, 240)`

Have a look what the booklet for
RYB(93, 93, 240) contains.

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Color

R_YB(93, 93, 240)

Conversions

Conversions Part 1

Format	Color
Hex	5D5DF0
RGB	93, 93, 240
RGB Percent	36%, 36%, 94%
CMY	0.6353, 0.6353, 0.0588
CMYK	0.61, 0.61, 0.00, 0.06
HSL	240°, 83%, 65%
HSV	240°, 61%, 94%
XYZ	24.1567, 16.4471, 84.3395
YIQ	109.7580, -47.1870, 45.7170

Conversions

Conversions Part 2

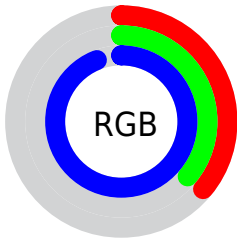
Format	Color
RYB	93, 93, 240
Decimal	6118896
CIELab	47.56, 42.77, -74.10
CIELCh	48, 85.555, 299.993
Yxy	16.4471, 0.1933, 0.1316
Android (android.graphics.Color)	4284308976 (0xFF5D5DF0)
YUV	109.7580, 64.2093, -14.6968
Hunter-Lab	40.5551, 35.3526, -94.9127

Details

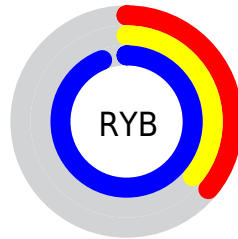
The RYB color **93, 93, 240** is a dark color, and the websafe version is hex **6666FF**. The color can be described as middle muted blue. A complement of this color would be **93, 240, 93**, and the grayscale version is **109, 109, 109**.

A 20% lighter version of the original color is **156, 144, 255**, and **0, 37, 183** is the 20% darker color. If you saturate the color by 10%, you get **69, 69, 240**, and if you desaturate by 10%, it is **117, 117, 240**.

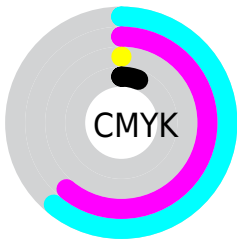
Distribution



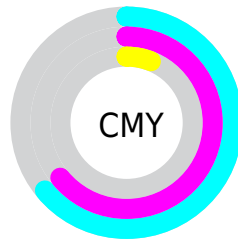
- Red (36%)
- Green (36%)
- Blue (94%)



- Red (36%)
- Yellow (36%)
- Blue (94%)



- Cyan (61%)
- Magenta (61%)
- Yellow (0%)
- Black (6%)




- Cyan (64%)
- Magenta (64%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the RYB color 93, 93, 240 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, 93, 240 by changing the saturation by 10% instead.


 93, 93, 240

 93, 93, 240

255, 255, 255

 57, 68, 211

 156, 144, 255

 0, 37, 183

 187, 170, 255

 0, 22, 155

 217, 198, 255

 0, 7, 128

 248, 226, 255

 0, 0, 102

 0, 9, 77

 0, 5, 53


 0, 2, 31

 0, 0, 2


 93, 93, 240

 93, 93, 240

 69, 69, 240


 117, 117, 240

 45, 45, 240

 141, 141, 240

 21, 21, 240

 165, 165, 240

 0, 0, 240

 189, 189, 240

 213, 213, 240

 237, 237, 240

 240, 255, 240

Harmonies

Analogous

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



0, 83, 255



93, 93, 240



195, 36, 186

Triad

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



93, 93, 240



192, 129, 0



0, 79, 141

Complementary

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



93, 93, 240



93, 240, 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.



0, 112, 137



93, 93, 240



35, 138, 0

Square

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



93, 93, 240



227, 0, 46



0, 129, 67



0, 80, 184

Rectangle

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



93, 93, 240



224, 0, 140



0, 129, 67



0, 87, 140

Sweetspot

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



93, 93, 240



209, 209, 255



93, 167, 240



99, 99, 128



0, 0, 0



128, 128, 128

Same Dimension

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



93, 93, 240



66, 66, 255



167, 93, 240



108, 108, 120



0, 0, 184



0, 0, 56

Inverse Universe

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



240, 93, 240



255, 66, 255



93, 240, 166



120, 108, 120



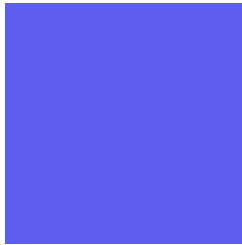
184, 0, 184



56, 0, 56

Previews

White Background



This preview shows how the RYB color 93, 93, 240 looks on a white background.

Color Contrast Check

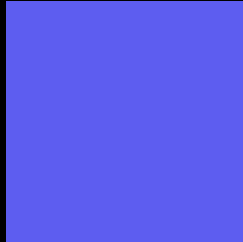
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 93, 93, 240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

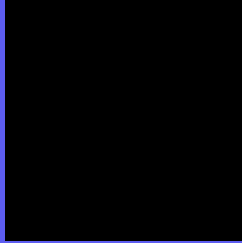
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

R_YB 93, 93, 240 Background



This preview shows how black text looks on a background with the R_YB color 93, 93, 240.

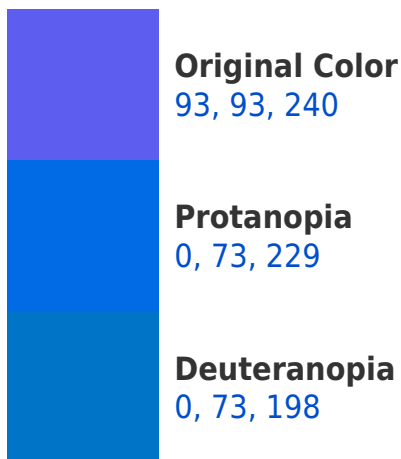


This preview shows how white text looks on a background with the R_YB color 93, 93, 240.

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





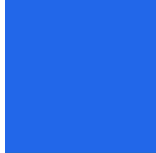
Tritanopia
39, 83, 133

Trichromacy



Original Color

93, 93, 240



Protanomaly

34, 85, 233



Deuteranomaly

34, 86, 213



Tritanomaly

59, 95, 172

Monochromacy



Original Color

93, 93, 240



Achromatopsia

110, 110, 110



Achromatomaly

104, 104, 157

CSS Examples

Text

The CSS property to change the color of the text to RYB 93, 93, 240 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, 93, 240)` looks like.

```
.text, #text, p{  
    color:rgb(93, 93, 240)  
}
```

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, 93, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 93, 240) }
```

Border

The CSS property to change the border of an element to RYB 93, 93, 240 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, 93, 240) }
```

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

```
.border{ border-color:rgb(93, 93, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 93, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 93, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 93, 240);  
box-shadow:4px 4px 4px 4px rgb(93, 93,  
240) }
```

Background

The CSS property to change the background color of an element to RYB 93, 93, 240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 93, 240) }
```

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

```
.background{ background-color: rgb(93, 93,  
240) }
```

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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