

Converting Colors

`RYB(149, 115, 240)`

Have a look what the booklet for RYB(149, 115, 240) contains.

RYB(149, 115, 240)	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

RYB(149, 115, 240)

Conversions

Conversions Part 1

Format	Color
Hex	9573F0
RGB	149, 115, 240
RGB Percent	58%, 45%, 94%
CMY	0.4157, 0.5490, 0.0588
CMYK	0.38, 0.52, 0.00, 0.06
HSL	256°, 81%, 70%
HSV	256°, 52%, 94%
XYZ	34.2533, 24.9423, 85.4471
YIQ	139.4160, -19.8610, 46.0830

Conversions

Conversions Part 2

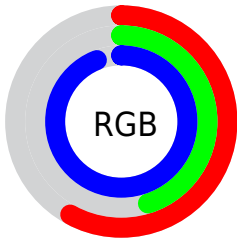
Format	Color
R _Y B	149, 115, 240
Decimal	9794544
CIE Lab	57.02, 41.08, -58.58
CIE LCh	57, 71.549, 305.038
Yxy	24.9423, 0.2368, 0.1724
Android (android.graphics.Color)	4287984624 (0xFF9573F0)
YUV	139.4160, 49.5879, 8.4052
Hunter-Lab	49.9423, 35.0268, -66.4807

Details

The RYB color **149, 115, 240** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **115, 240, 149**, and the grayscale version is **139, 139, 139**.

A 20% lighter version of the original color is **207, 168, 255**, and **92, 66, 183** is the 20% darker color. If you saturate the color by 10%, you get **132, 91, 240**, and if you desaturate by 10%, it is **166, 139, 240**.

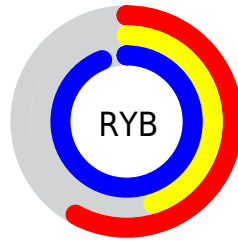
Distribution



Red (58%)

Green (45%)

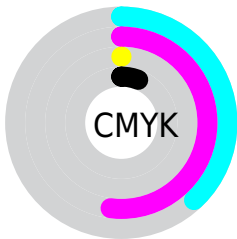
Blue (94%)



Red (58%)

Yellow (45%)

Blue (94%)

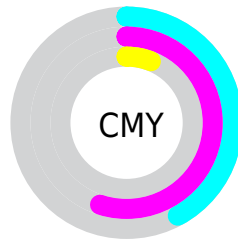


Cyan (38%)

Magenta (52%)

Yellow (0%)

Black (6%)



Cyan (42%)

Magenta (55%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the RYB color 149, 115, 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 149, 115, 240 by changing the saturation by 10% instead.

 149, 115, 240


255, 255, 255


 207, 168, 255

 236, 195, 255

 255, 223, 255

 255, 252, 255


 149, 115, 240

 121, 90, 211

 92, 66, 183

 63, 42, 156

 29, 19, 129

 0, 0, 103

 0, 0, 78

 0, 5, 54

 0, 2, 32

 0, 0, 4

 149, 115, 240

 149, 115, 240


 132, 91, 240

 166, 139, 240

 114, 67, 240

 184, 163, 240

 97, 43, 240

 201, 187, 240

 79, 19, 240

 219, 211, 240

 65, 0, 240

 236, 235, 240

 240, 255, 241

 240, 255, 240

Harmonies

Analogous

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



0, 91, 255



149, 115, 240



219, 83, 191

Triad

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



149, 115, 240



164, 205, 0



0, 88, 165

Complementary

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



149, 115, 240



115, 240, 149

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, 107, 161



149, 115, 240



19, 155, 0

Square

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



149, 115, 240



238, 85, 69



6, 153, 70



0, 92, 207

Rectangle

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



149, 115, 240



241, 68, 150



6, 153, 70



0, 93, 164

Sweetspot

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



149, 115, 240



225, 214, 255



115, 168, 240



110, 103, 128



0, 0, 0



128, 128, 128

Same Dimension

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



149, 115, 240



138, 94, 255



211, 115, 240



111, 108, 120



50, 0, 184



15, 0, 56

Inverse Universe

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



240, 115, 206



255, 94, 211



115, 240, 211



120, 108, 117



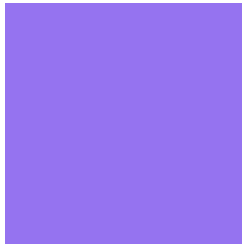
184, 0, 134



56, 0, 41

Previews

White Background



This preview shows how the RYB color 149, 115, 240 looks on a white background.

Color Contrast Check

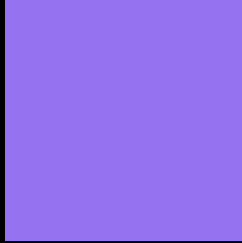
Large Text (above 18pt) WCAG AA ✓ Pass

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 149, 115, 240 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](#).

RYB 149, 115, 240 Background



This preview shows how black text looks on a background with the RYB color 149, 115, 240.

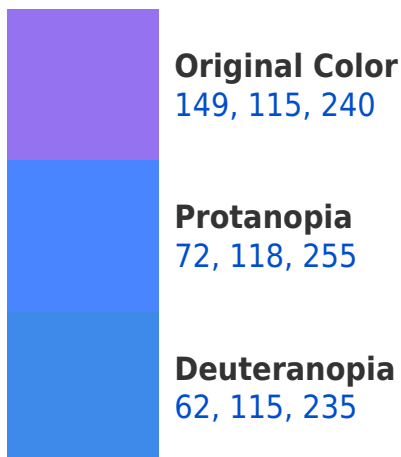


This preview shows how white text looks on a background with the RYB color 149, 115, 240.

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

129, 135, 149

Trichromacy



Original Color

149, 115, 240



Protanomaly

100, 122, 250



Deuteranomaly

94, 123, 237



Tritanomaly

136, 130, 182

Monochromacy



Original Color

149, 115, 240



Achromatopsia

139, 139, 139



Achromatomaly

143, 130, 176

CSS Examples

Text

The CSS property to change the color of the text to RYB 149, 115, 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(149, 115, 240)` looks like.

```
.text, #text, p{  
    color:rgb(149, 115, 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(149, 115, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 115, 240) }
```

Border

The CSS property to change the border of an element to RYB 149, 115, 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(149, 115, 240) }
```

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

```
.border{ border-color:rgb(149, 115, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 115, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 115, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 115, 240);  
box-shadow:4px 4px 4px 4px rgb(149, 115,  
240) }
```

Background

The CSS property to change the background color of an element to RYB 149, 115, 240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 115, 240) }
```

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

```
.background{ background-color: rgb(149,  
115, 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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