

Converting Colors

`RYB(95, 45, 189)`

Have a look what the booklet for
RYB(95, 45, 189) contains.

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Color

R_YB(95, 45, 189)

Conversions

Conversions Part 1

Format	Color
Hex	5F2DBD
RGB	95, 45, 189
RGB Percent	37%, 18%, 74%
CMY	0.6275, 0.8235, 0.2588
CMYK	0.50, 0.76, 0.00, 0.26
HSL	261°, 62%, 46%
HSV	261°, 76%, 74%
XYZ	14.8430, 7.9838, 48.9028
YIQ	76.3660, -16.4240, 55.3840

Conversions

Conversions Part 2

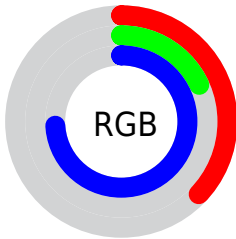
Format	Color
R_{YB}	95, 45, 189
Decimal	6237629
CIE _{Lab}	33.95, 53.96, -67.04
CIE _{LCh}	34, 86.060, 308.827
Yxy	7.9838, 0.2069, 0.1113
Android (android.graphics.Color)	4284427709 (0xFF5F2DBD)
YUV	76.3660, 55.5286, 16.3420
Hunter-Lab	28.2556, 44.3209, -82.8361

Details

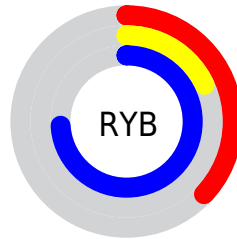
The RYB color **95, 45, 189** is a dark color, and the websafe version is hex **6633CC**. A complement of this color would be **45, 189, 95**, and the grayscale version is **76, 76, 76**.

A 20% lighter version of the original color is **154, 96, 246**, and **27, 0, 134** is the 20% darker color. If you saturate the color by 10%, you get **83, 26, 189**, and if you desaturate by 10%, it is **107, 64, 189**.

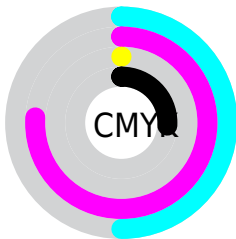
Distribution



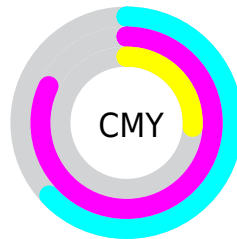
- Red (37%)
- Green (18%)
- Blue (74%)



- Red (37%)
- Yellow (18%)
- Blue (74%)



- Cyan (50%)
- Magenta (76%)
- Yellow (0%)
- Black (26%)



- Cyan (63%)
- Magenta (82%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the RYB color 95, 45, 189 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 95, 45, 189 by changing the saturation by 10% instead.

 95, 45, 189

 95, 45, 189


255, 255, 255

 64, 17, 161

 154, 96, 246

 27, 0, 134

 183, 122, 255

 0, 0, 108

 213, 149, 255

 0, 0, 83

 243, 177, 255

 0, 5, 59

 255, 205, 255

 0, 2, 36

 255, 233, 255

 0, 0, 12

 0, 0, 0

 95, 45, 189

 95, 45, 189

■ 83, 26, 189

■ 107, 64, 189

■ 70, 7, 189

■ 120, 83, 189

■ 66, 0, 189

■ 132, 102, 189

■ 144, 121, 189

■ 157, 140, 189

■ 169, 158, 189

■ 181, 177, 189

■ 189, 196, 191

■ 189, 215, 198

Harmonies

Analogous

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



0, 61, 219



95, 45, 189



170, 0, 131

Triad

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



95, 45, 189



136, 95, 0



0, 53, 104

Complementary

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



95, 45, 189



45, 189, 95

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, 83, 102



95, 45, 189



0, 84, 4

Square

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



95, 45, 189



175, 0, 0



0, 97, 97



0, 64, 166

Rectangle

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



95, 45, 189



188, 0, 86



0, 97, 97



0, 60, 104

Sweetspot

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



95, 45, 189



208, 188, 245



45, 103, 189



100, 88, 122



250, 250, 250



122, 122, 122

Same Dimension

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



95, 45, 189



99, 22, 245



165, 45, 189



88, 85, 94



55, 0, 158



11, 0, 31

Inverse Universe

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



189, 45, 139



245, 22, 167



45, 189, 165



94, 85, 91



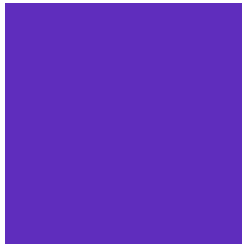
158, 0, 103



31, 0, 20

Previews

White Background



This preview shows how the RYB color 95, 45, 189 looks on a white background.

Color Contrast Check

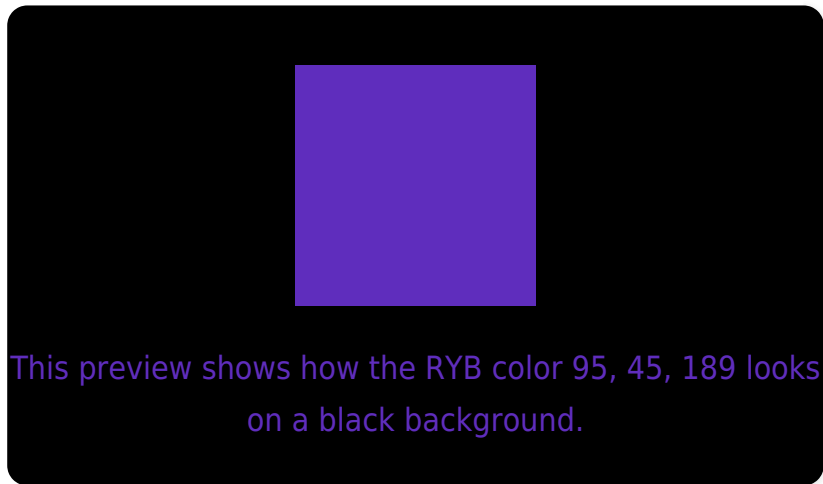
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black 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

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

R Y B 95, 45, 189 Background



This preview shows how black text looks on a background with the R Y B color 95, 45, 189.

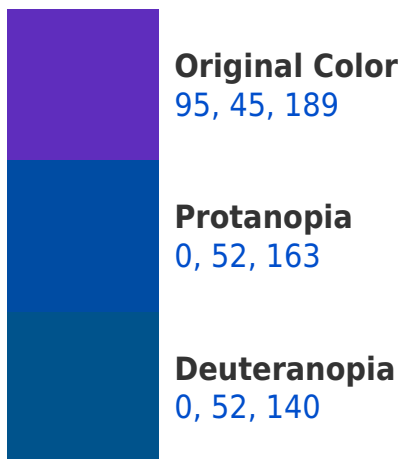


This preview shows how white text looks on a background with the R Y B color 95, 45, 189.

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

67, 76, 89

Trichromacy



Original Color

95, 45, 189

Protanomaly

35, 60, 172

Deuteranomaly

35, 62, 158

Tritanomaly

77, 69, 125

Monochromacy



Original Color

95, 45, 189

Achromatopsia

76, 76, 76

Achromatomaly

83, 65, 117

CSS Examples

Text

The CSS property to change the color of the text to RYB 95, 45, 189 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(95, 45, 189)` looks like.

```
.text, #text, p{  
    color:rgb(95, 45, 189)  
}
```

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(95, 45, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 45, 189) }
```

Border

The CSS property to change the border of an element to RYB 95, 45, 189 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(95, 45, 189) }
```

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

```
.border{ border-color:rgb(95, 45, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 45, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 45, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 45, 189);  
box-shadow:4px 4px 4px 4px rgb(95, 45,  
189) }
```

Background

The CSS property to change the background color of an element to RYB 95, 45, 189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 45, 189) }
```

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

```
.background{ background-color: rgb(95, 45,  
189) }
```

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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