

Converting Colors

`RYB(96, 15, 222)`

Have a look what the booklet for
RYB(96, 15, 222) contains.

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Color

R_YB(96, 15, 222)

Conversions

Conversions Part 1

Format	Color
Hex	600FDE
RGB	96, 15, 222
RGB Percent	38%, 6%, 87%
CMY	0.6235, 0.9412, 0.1294
CMYK	0.57, 0.93, 0.00, 0.13
HSL	263°, 87%, 46%
HSV	263°, 93%, 87%
XYZ	18.1795, 8.1024, 69.7130
YIQ	62.8170, -18.1710, 81.5490

Conversions

Conversions Part 2

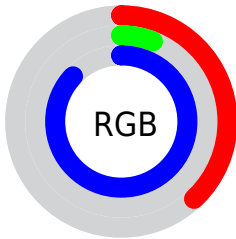
Format	Color
R _Y B	96, 15, 222
Decimal	6295518
CIE Lab	34.20, 71.72, -85.83
CIE LCh	34, 111.857, 309.883
Yxy	8.1024, 0.1894, 0.0844
Android (android.graphics.Color)	4284485598 (0xFF600FDE)
YUV	62.8170, 78.4772, 29.1015
Hunter-Lab	28.4647, 64.1893, -125.2823




Details

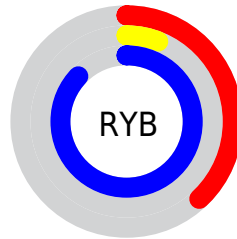
The RYB color **96, 15, 222** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed purple. A complement of this color would be **15, 222, 96**, and the grayscale version is **62, 62, 62**.




A 20% lighter version of the original color is **160, 80, 255**, and **0, 0, 165** is the 20% darker color. If you saturate the color by 10%, you get **87, 0, 222**, and if you desaturate by 10%, it is **110, 37, 222**.

Distribution







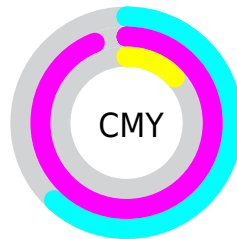
-  Red (38%)
-  Green (6%)
-  Blue (87%)






-  Red (38%)
-  Yellow (6%)
-  Blue (87%)



-  Cyan (57%)
-  Magenta (93%)
-  Yellow (0%)
-  Black (13%)



-  Cyan (62%)
-  Magenta (94%)
-  Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the RYB color 96, 15, 222 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 96, 15, 222 by changing the saturation by 10% instead.



96, 15, 222



96, 15, 222

255, 255, 255



60, 0, 193



160, 80, 255



0, 0, 165



191, 107, 255



0, 0, 138



222, 135, 255



0, 0, 111



253, 163, 255



0, 8, 86



255, 191, 255



0, 5, 61



255, 220, 255



0, 3, 39



255, 250, 255



0, 1, 16



0, 0, 0

■ 96, 15, 222

■ 96, 15, 222

■ 87, 0, 222

■ 110, 37, 222

■ 123, 59, 222

■ 137, 82, 222

■ 150, 104, 222

■ 164, 126, 222

■ 177, 148, 222

■ 191, 170, 222

■ 204, 193, 222

■ 218, 215, 222

Harmonies

Analogous

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



0, 65, 255



96, 15, 222



197, 0, 144

Triad

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



96, 15, 222



145, 72, 0



0, 54, 109

Complementary

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



96, 15, 222



15, 222, 96

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, 105, 105



96, 15, 222



0, 87, 15

Square

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



96, 15, 222



197, 0, 0



0, 101, 101



0, 71, 196

Rectangle

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



96, 15, 222



218, 0, 86



0, 101, 101



0, 62, 107

Sweetspot

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



96, 15, 222



212, 184, 255



15, 94, 222



101, 84, 128



0, 0, 0



128, 128, 128

Same Dimension

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



96, 15, 222



100, 0, 255



198, 15, 222



105, 101, 112



69, 0, 176



19, 0, 48

Inverse Universe

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



222, 15, 141



255, 0, 155



15, 222, 198



112, 101, 108



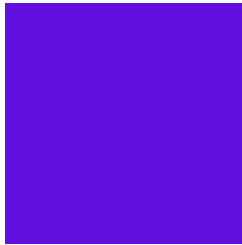
176, 0, 107



48, 0, 29

Previews

White Background



This preview shows how the RYB color 96, 15, 222 looks on a white background.

Color Contrast Check

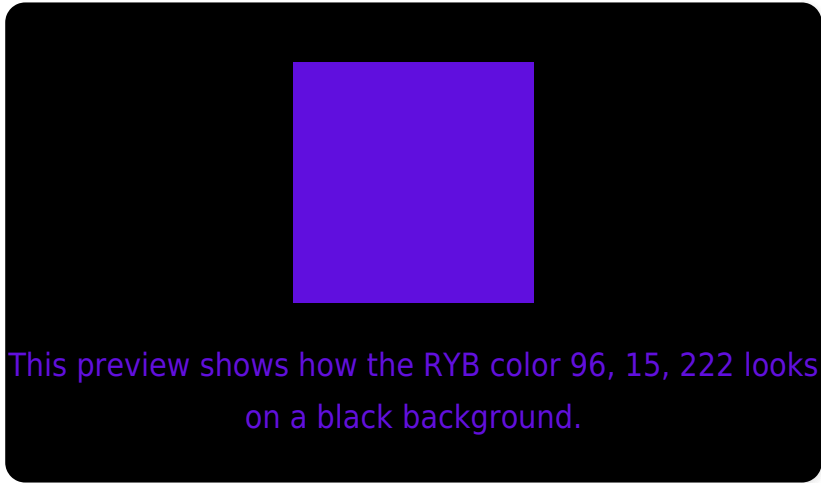
Large Text (above 18pt) WCAG AA ✓ Pass

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

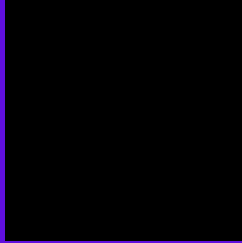
Any Text WCAG AA × Fail

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 96, 15, 222 Background



This preview shows how black text looks on a background with the R Y B color 96, 15, 222.

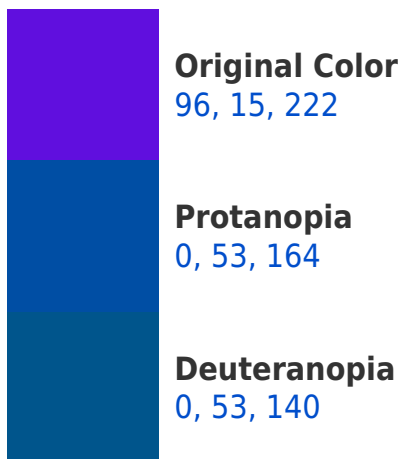


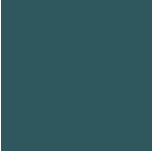
This preview shows how white text looks on a background with the R Y B color 96, 15, 222.

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

47, 69, 94

Trichromacy



Original Color

96, 15, 222



Protanomaly

35, 53, 185



Deuteranomaly

35, 55, 170



Tritanomaly

65, 61, 141

Monochromacy



Original Color

96, 15, 222



Achromatopsia

63, 63, 63



Achromatomaly

75, 46, 121

CSS Examples

Text

The CSS property to change the color of the text to RYB 96, 15, 222 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(96, 15, 222)` looks like.

```
.text, #text, p{  
    color:rgb(96, 15, 222)  
}
```

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(96, 15, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 15, 222) }
```

Border

The CSS property to change the border of an element to RYB 96, 15, 222 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(96, 15, 222) }
```

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

```
.border{ border-color:rgb(96, 15, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 15, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 15, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 15, 222);  
box-shadow:4px 4px 4px 4px rgb(96, 15,  
222) }
```

Background

The CSS property to change the background color of an element to RYB 96, 15, 222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 15, 222) }
```

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

```
.background{ background-color: rgb(96, 15,  
222) }
```

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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