

Converting Colors

`RYB(126, 91, 193)`

Have a look what the booklet for
RYB(126, 91, 193) contains.

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Color

R_YB(126, 91, 193)

Conversions

Conversions Part 1

Format	Color
Hex	7E5BC1
RGB	126, 91, 193
RGB Percent	49%, 36%, 76%
CMY	0.5059, 0.6431, 0.2431
CMYK	0.35, 0.53, 0.00, 0.24
HSL	261°, 45%, 56%
HSV	261°, 53%, 76%
XYZ	21.9709, 15.7680, 52.3376
YIQ	113.0930, -11.8820, 39.1420

Conversions

Conversions Part 2

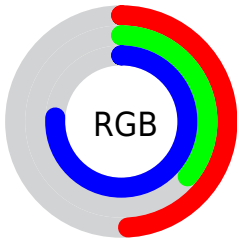
Format	Color
R_{YB}	126, 91, 193
Decimal	8281025
CIE _{Lab}	46.67, 36.74, -48.62
CIE _{LCh}	47, 60.937, 307.074
Yxy	15.7680, 0.2439, 0.1751
Android (android.graphics.Color)	4286471105 (0xFF7E5BC1)
YUV	113.0930, 39.3942, 11.3194
Hunter-Lab	39.7090, 29.2729, -50.3497

Details

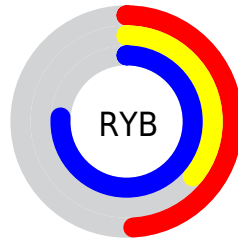
The RYB color **126, 91, 193** is a dark color, and the websafe version is hex **9966CC**. The color can be described as middle muted purple. A complement of this color would be **91, 193, 126**, and the grayscale version is **113, 113, 113**.

A 20% lighter version of the original color is **182, 142, 250**, and **72, 43, 139** is the 20% darker color. If you saturate the color by 10%, you get **113, 72, 193**, and if you desaturate by 10%, it is **139, 110, 193**.

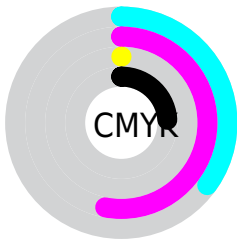
Distribution



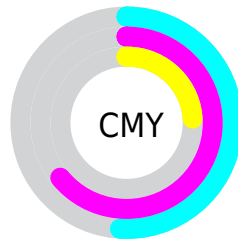
- Red (49%)
- Green (36%)
- Blue (76%)



- Red (49%)
- Yellow (36%)
- Blue (76%)



- Cyan (35%)
- Magenta (53%)
- Yellow (0%)
- Black (24%)



- Cyan (51%)
- Magenta (64%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RYB color 126, 91, 193 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 126, 91, 193 by changing the saturation by 10% instead.



126, 91, 193



126, 91, 193

255, 255, 255



99, 67, 165



182, 142, 250



72, 43, 139



210, 169, 255



44, 20, 113



240, 196, 255



9, 0, 88



255, 225, 255



0, 0, 64



255, 253, 255



0, 3, 40



0, 1, 18




0, 0, 0




126, 91, 193




126, 91, 193

 113, 72, 193

 139, 110, 193

 101, 52, 193


 151, 130, 193

 88, 33, 193

 164, 149, 193

 75, 14, 193

 177, 168, 193

 66, 0, 193

 189, 187, 193

 193, 207, 198

 193, 226, 204

 193, 245, 211

 193, 255, 208

Harmonies

Analogous

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



0, 74, 213



126, 91, 193



180, 65, 152

Triad

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



126, 91, 193



125, 164, 0



0, 70, 134

Complementary

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



126, 91, 193



91, 193, 126

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, 86, 131



126, 91, 193



12, 123, 0

Square

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



126, 91, 193



193, 71, 52



11, 124, 68



0, 75, 171

Rectangle

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



126, 91, 193



197, 54, 118



11, 124, 68



0, 75, 133

Sweetspot

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



126, 91, 193



224, 210, 250



91, 132, 193



109, 101, 125



252, 252, 252



125, 125, 125

Same Dimension

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



126, 91, 193



146, 92, 250



176, 91, 193



91, 87, 97



55, 0, 161



11, 0, 33

Inverse Universe

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



193, 91, 158



250, 92, 196



91, 193, 176



97, 87, 94



161, 0, 106



33, 0, 22

Previews

White Background



This preview shows how the RYB color 126, 91, 193 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 126, 91, 193 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

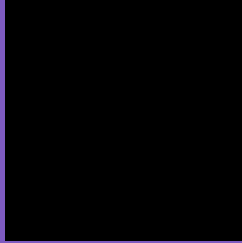
Any Text WCAG AA × Fail

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](#).

RGB 126, 91, 193 Background



This preview shows how black text looks on a background with the RGB color 126, 91, 193.

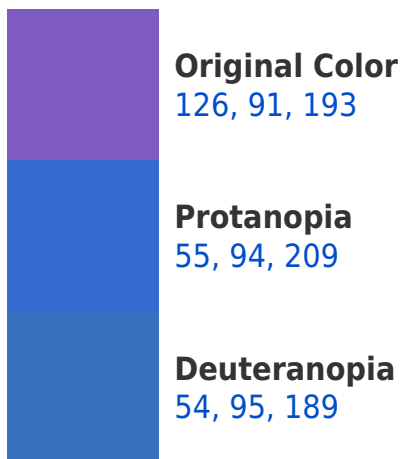


This preview shows how white text looks on a background with the RGB color 126, 91, 193.

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
110, 110, 118

Trichromacy



Original Color

126, 91, 193

Protanomaly

81, 98, 203

Deuteranomaly

80, 100, 190

Tritanomaly

116, 103, 145

Monochromacy



Original Color

126, 91, 193

Achromatopsia

113, 113, 113

Achromatomaly

118, 105, 142

CSS Examples

Text

The CSS property to change the color of the text to RYB 126, 91, 193 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(126, 91, 193)` looks like.

```
.text, #text, p{  
    color:rgb(126, 91, 193)  
}
```

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(126, 91, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 91, 193) }
```

Border

The CSS property to change the border of an element to RYB 126, 91, 193 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(126, 91, 193) }
```

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

```
.border{ border-color:rgb(126, 91, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 91, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 91, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 91, 193);  
box-shadow:4px 4px 4px 4px rgb(126, 91,  
193) }
```

Background

The CSS property to change the background color of an element to RGB 126, 91, 193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 91, 193) }
```

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

```
.background{ background-color: rgb(126, 91,  
193) }
```

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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