

Converting Colors

RGB(126, 120, 186)

Have a look what the booklet for
RGB(126, 120, 186) contains.

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Color

RGB(126, 120, 186)

Conversions

Conversions Part 1

Format	Color
Hex	7E78BA
RGB	126, 120, 186
RGB Percent	49%, 47%, 73%
CMY	0.5059, 0.5294, 0.2706
CMYK	0.32, 0.35, 0.00, 0.27
HSL	245°, 32%, 60%
HSV	245°, 35%, 73%
XYZ	24.1836, 21.4137, 49.3130
YIQ	129.3180, -17.6100, 21.7980

Conversions

Conversions Part 2

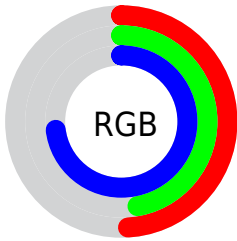
Format	Color
R_{YB}	126, 120, 186
Decimal	8288442
CIE _{Lab}	53.40, 17.70, -33.94
CIE _{LCh}	53, 38.274, 297.542
Yxy	21.4137, 0.2548, 0.2256
Android (android.graphics.Color)	4286478522 (0xFF7E78BA)
YUV	129.3180, 27.9442, -2.9099
Hunter-Lab	46.2750, 12.3040, -30.7900

Details

The RGB color **126, 120, 186** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **180, 186, 120**, and the grayscale version is **129, 129, 129**.

A 20% lighter version of the original color is **180, 172, 242**, and **74, 72, 132** is the 20% darker color. If you saturate the color by 10%, you get **109, 101, 186**, and if you desaturate by 10%, it is **143, 139, 186**.

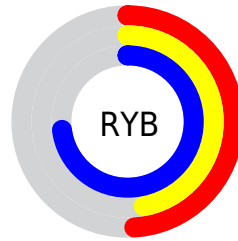
Distribution



Red (49%)

Green (47%)

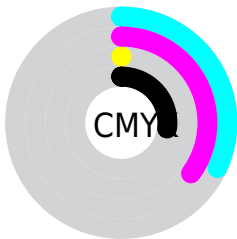
Blue (73%)



Red (49%)

Yellow (47%)

Blue (73%)

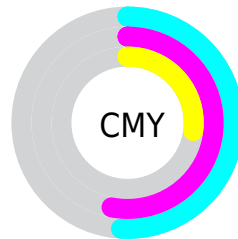


Cyan (32%)

Magenta (35%)

Yellow (0%)

Black (27%)



Cyan (51%)

Magenta (53%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RGB color 126, 120, 186 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 RGB color 126, 120, 186 by changing the saturation by 10% instead.

 126, 120, 186

255, 255, 255

 180, 172, 242

 208, 200, 255

 237, 228, 255

 126, 120, 186


 100, 95, 159

 74, 72, 132

 49, 49, 107

 22, 28, 82

 0, 4, 59

 0, 2, 37

 0, 1, 13

 0, 0, 0


 126, 120, 186

 126, 120, 186

 109, 101, 186

 143, 139, 186

 92, 83, 186

 160, 157, 186

 75, 64, 186

 177, 176, 186

 58, 46, 186

 194, 194, 186

 41, 27, 186

 211, 213, 186

 25, 8, 186

 227, 232, 186

 17, 0, 186

 244, 250, 186

 255, 255, 186

Harmonies

Analogous

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



65, 132, 193



126, 120, 186



166, 108, 163

Triad

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



126, 120, 186



175, 113, 73



0, 144, 124

Complementary

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



126, 120, 186



180, 186, 120

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.



76, 141, 91



126, 120, 186



150, 125, 60

Square

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



126, 120, 186



189, 103, 99



117, 135, 67



0, 144, 157

Rectangle

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



126, 120, 186



182, 102, 143



117, 135, 67



38, 144, 112

Sweetspot

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



126, 120, 186



218, 216, 242



120, 181, 186



108, 106, 122



250, 250, 250



122, 122, 122

Same Dimension

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



126, 120, 186



148, 138, 242



158, 120, 186



83, 83, 92



14, 0, 156



3, 0, 28

Inverse Universe

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



186, 120, 180



242, 138, 233



147, 186, 120



92, 83, 91



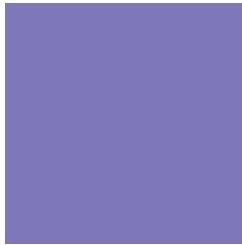
156, 0, 141



28, 0, 25

Previews

White Background



This preview shows how the RGB color 126, 120, 186 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 RGB color 126, 120, 186 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

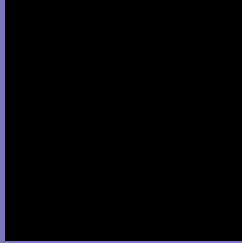
Any Text WCAG AA ✓ Pass

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](#).

RGB 126, 120, 186 Background



This preview shows how black text looks on a background with the RGB color 126, 120, 186.

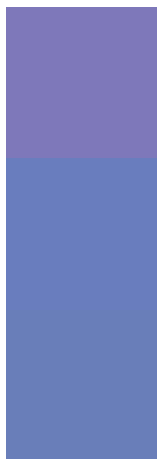


This preview shows how white text looks on a background with the RGB color 126, 120, 186.

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



Original Color

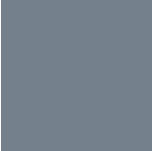
126, 120, 186

Protanopia

105, 125, 190

Deuteranopia

105, 126, 185



Tritanopia
116, 129, 140

Trichromacy



Original Color

126, 120, 186

Protanomaly

113, 123, 189

Deuteranomaly

113, 124, 185

Tritanomaly

120, 126, 157

Monochromacy



Original Color

126, 120, 186

Achromatopsia

129, 129, 129

Achromatomaly

128, 126, 150

CSS Examples

Text

The CSS property to change the color of the text to RGB 126, 120, 186 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, 120, 186)` looks like.

```
.text, #text, p{  
    color:rgb(126, 120, 186)  
}
```

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, 120, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 120, 186) }
```

Border

The CSS property to change the border of an element to RGB 126, 120, 186 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, 120, 186) }
```

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

```
.border{ border-color:rgb(126, 120, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 120, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 120, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 120, 186);  
box-shadow:4px 4px 4px 4px rgb(126, 120,  
186) }
```

Background

The CSS property to change the background color of an element to RGB 126, 120, 186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 120, 186) }
```

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

```
.background{ background-color: rgb(126,  
120, 186) }
```

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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