

Converting Colors

Hex(826196)

Have a look what the booklet for
Hex(826196) contains.

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Color

Hex(826196)

Conversions

Conversions Part 1

Format	Color
Hex	826196
RGB	130, 97, 150
RGB Percent	51%, 38%, 59%
CMY	0.4902, 0.6196, 0.4118
CMYK	0.13, 0.35, 0.00, 0.41
HSL	277°, 21%, 48%
HSV	277°, 35%, 59%
XYZ	18.9856, 15.4972, 30.8448
YIQ	112.9090, 2.6550, 23.4790

Conversions

Conversions Part 2

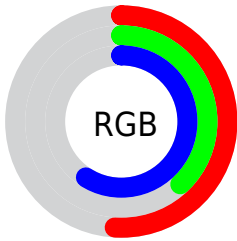
Format	Color
R_{YB}	130, 97, 150
Decimal	8544662
CIE _{Lab}	46.31, 23.71, -23.92
CIE _{LCh}	46, 33.684, 314.744
Yxy	15.4972, 0.2906, 0.2372
Android (android.graphics.Color)	4286734742 (0xFF826196)
YUV	112.9090, 18.2859, 14.9888
Hunter-Lab	39.3665, 17.1954, -18.8988

Details

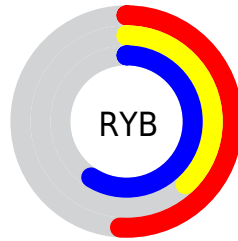
The Hex color **826196** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **759661**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **B894CC**, and **503263** is the 20% darker color. If you saturate the color by 10%, you get **7C5296**, and if you desaturate by 10%, it is **887096**.

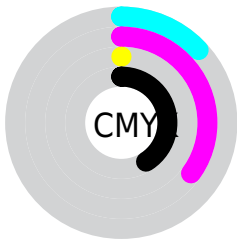
Distribution



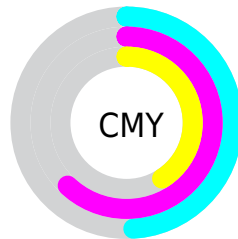
- Red (51%)
- Green (38%)
- Blue (59%)



- Red (51%)
- Yellow (38%)
- Blue (59%)



- Cyan (13%)
- Magenta (35%)
- Yellow (0%)
- Black (41%)



- Cyan (49%)
- Magenta (62%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 826196 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 Hex color 826196 by changing the saturation by 10% instead.

826196

826196

FFFFFF

68497C

B894CC

503263

D4AFE9

381C4B

F0CAFF

210634

FFE7FF

00001F

000001

000000

826196

826196

7C5296

887096

774396

8D7F96

713496

938E96

6B2596

999D96

661696

9EAC96

600796

A4BB96

5D0096

AACA96

AFD996

B5E896

Harmonies

Analogous

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



596CA4



826196



9B587D

Triad

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



826196



8B6737



007C7B

Complementary

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



826196



759661

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.



287B5E



826196



717135

Square

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



826196



9D5D47



527744



007A95

Rectangle

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



826196



A2566A



527744



007C71

Sweetspot

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



826196



BAACC2



617596



5C5461



E0E0E0



616161

Same Dimension

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



826196



A370C2



966190



47434A



56008A



06000A

Inverse Universe

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



966175



C2708F



619667



4A4345



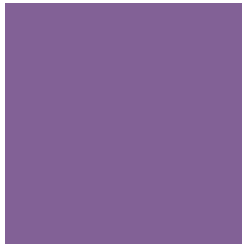
8A0034



0A0004

Previews

White Background



This preview shows how the Hex color 826196 looks on a white background.

Color Contrast Check

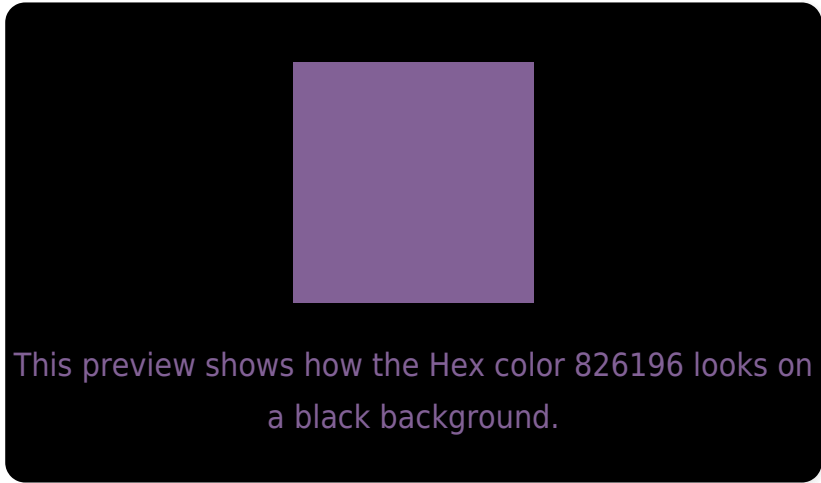
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

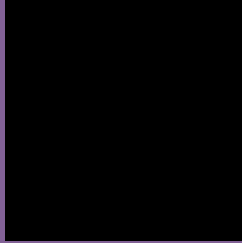
Any Text WCAG AA × Fail

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](#).

Hex 826196 Background



This preview shows how black text looks on a background with the Hex color 826196.




This preview shows how white text looks on a background with the Hex color 826196.

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
7C6971

Trichromacy



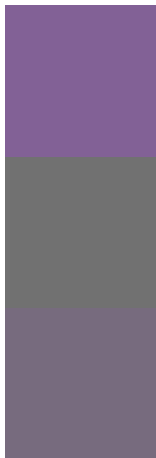
Original Color
826196

Protanomaly
6B689C

Deuteranomaly
6E6895

Tritanomaly
7E667E

Monochromacy



Original Color
826196

Achromatopsia
717171

Achromatomaly
776B7E

CSS Examples

Text

The CSS property to change the color of the text to Hex 826196 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 #826196 looks like.

```
.text, #text, p{  
    color:#826196  
}
```

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 #826196 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #826196
}
```

Border

The CSS property to change the border of an element to Hex 826196 is called "border". The border property can be set on classes, ids or directly on the HTML element.

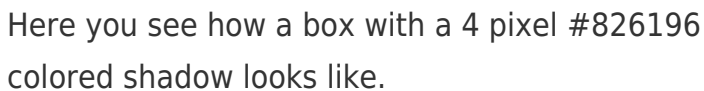
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#826196 }
```

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

```
.border{ border-color:#826196 }
```

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



Here you see how a box with a 4 pixel #826196 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #826196; -webkit-box-shadow:4px 4px  
4px 4px #826196; box-shadow:4px 4px 4px  
4px #826196 }
```

Background

The CSS property to change the background color of an element to Hex 826196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#826196 }
```

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

```
.background{ background-color:#826196 }
```

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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