

Converting Colors

Hex(50006E)

Have a look what the booklet for
Hex(50006E) contains.

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Color

Hex(50006E)

Conversions

Conversions Part 1

Format	Color
Hex	50006E
RGB	80, 0, 110
RGB Percent	31%, 0%, 43%
CMY	0.6863, 1.0000, 0.5686
CMYK	0.27, 1.00, 0.00, 0.57
HSL	284°, 100%, 22%
HSV	284°, 100%, 43%
XYZ	6.1227, 2.8313, 14.9756
YIQ	36.4600, 12.3700, 51.1700

Conversions

Conversions Part 2

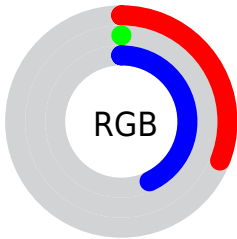
Format	Color
RYB	80, 0, 110
Decimal	5242990
CIELab	19.36, 48.04, -42.28
CIElCh	19, 63.998, 318.650
Yxy	2.8313, 0.2559, 0.1183
Android (android.graphics.Color)	4283433070 (0xFF50006E)
YUV	36.4600, 36.2552, 38.1846
Hunter-Lab	16.8264, 35.5061, -40.9903

Details

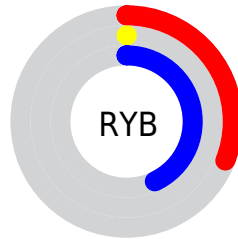
The Hex color **50006E** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **1E6E00**, and the grayscale version is **242424**.

A 20% lighter version of the original color is **853CA2**, and **20003D** is the 20% darker color. If you saturate the color by 10%, you get **50006E**, and if you desaturate by 10%, it is **530B6E**.

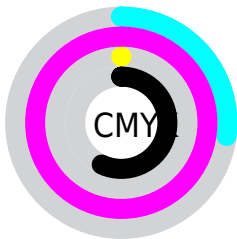
Distribution



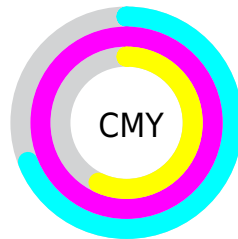
- Red (31%)
- Green (0%)
- Blue (43%)



- Red (31%)
- Yellow (0%)
- Blue (43%)



- Cyan (27%)
- Magenta (100%)
- Yellow (0%)
- Black (57%)



- Cyan (69%)
- Magenta (100%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 50006E 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 50006E by changing the saturation by 10% instead.

 50006E

 50006E

 FFFBFF

 360055

 853CA2

 20003D

 A156BE

 000126

 BD70DA

 00010F

 DA8AF7

 000000

 F7A6FF

 FFC1FF

 FFDEFF

 50006E

 530B6E

 56166E

 59216E

 5C2C6E

 5F376E

 62426E

 654D6E

 68586E

 6B636E

Harmonies

Analogous

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



002C8A



50006E



740043

Triad

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



50006E



492700



00404C

Complementary

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



50006E



1E6E00

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.



003E1B



50006E



1E3500

Square

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



50006E



680000



003C00



004076

Rectangle

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



50006E



7A0024



003C00



003F3C

Sweetspot

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



50006E



83648F



001F6E



402E47



C7C7C7



474747

Same Dimension

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



50006E



68008F



6E0056



373238



570078



B400F7

Inverse Universe

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



6E001E



8F0027



006E18



383234



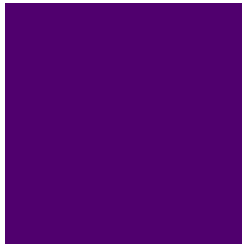
780021



F70043

Previews

White Background



This preview shows how the Hex color 50006E looks on a white background.

Color Contrast Check

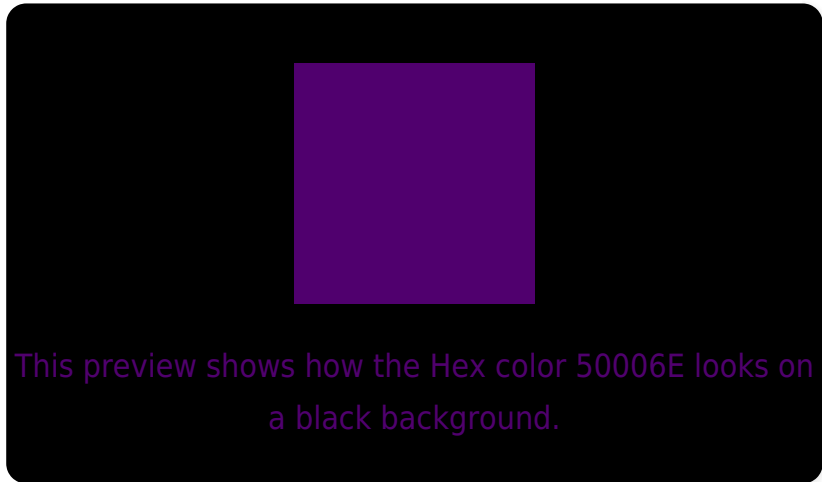
Large Text (above 18pt) WCAG AA ✓ Pass

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

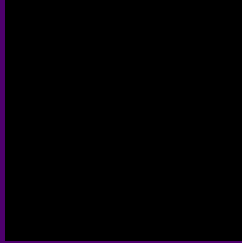
Any Text WCAG AA × Fail

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](#).

Hex 50006E Background



This preview shows how black text looks on a background with the Hex color 50006E.



This preview shows how white text looks on a background with the Hex color 50006E.

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
50006E

Protanopia
003167

Deuteranopia
00345A



Tritanopia
462B2E

Trichromacy



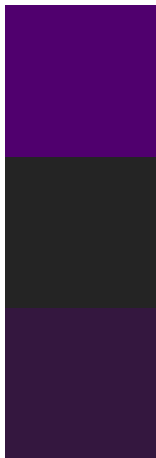
Original Color
50006E

Protanomaly
1D1F6A

Deuteranomaly
1D2161

Tritanomaly
4A1B45

Monochromacy



Original Color
50006E

Achromatopsia
242424

Achromatomaly
34173F

CSS Examples

Text

The CSS property to change the color of the text to Hex 50006E 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 #50006E looks like.

```
.text, #text, p{  
    color:#50006E  
}
```

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 #50006E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #50006E
}
```

Border

The CSS property to change the border of an element to Hex 50006E is called "border". The border property can be set on classes, ids or directly on the HTML element.

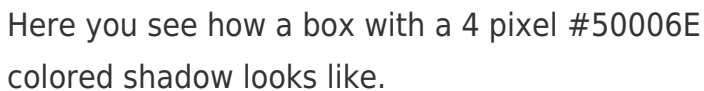
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#50006E }
```

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

```
.border{ border-color:#50006E }
```

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



Here you see how a box with a 4 pixel #50006E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #50006E; -webkit-box-shadow:4px 4px  
4px 4px #50006E; box-shadow:4px 4px 4px  
4px #50006E }
```

Background

The CSS property to change the background color of an element to Hex 50006E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#50006E }
```

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

```
.background{ background-color:#50006E }
```

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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