

Converting Colors

Hex(56006E)

Have a look what the booklet for
Hex(56006E) contains.

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Color

Hex(56006E)

Conversions

Conversions Part 1

Format	Color
Hex	56006E
RGB	86, 0, 110
RGB Percent	34%, 0%, 43%
CMY	0.6627, 1.0000, 0.5686
CMYK	0.22, 1.00, 0.00, 0.57
HSL	287°, 100%, 22%
HSV	287°, 100%, 43%
XYZ	6.6522, 3.1042, 15.0004
YIQ	38.2540, 15.9460, 52.4420

Conversions

Conversions Part 2

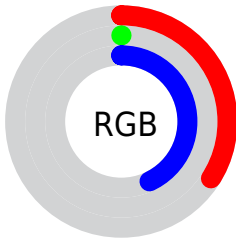
Format	Color
RYB	86, 0, 110
Decimal	5636206
CIELab	20.46, 48.91, -40.44
CIELCh	20, 63.465, 320.418
Yxy	3.1042, 0.2687, 0.1254
Android (android.graphics.Color)	4283826286 (0xFF56006E)
YUV	38.2540, 35.3708, 41.8732
Hunter-Lab	17.6188, 36.5622, -38.1455

Details

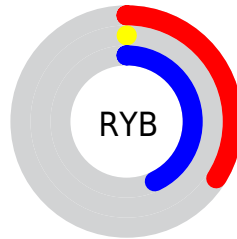
The Hex color **56006E** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **186E00**, and the grayscale version is **262626**.

A 20% lighter version of the original color is **8C3DA2**, and **26003E** is the 20% darker color. If you saturate the color by 10%, you get **56006E**, and if you desaturate by 10%, it is **580B6E**.

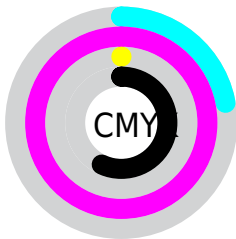
Distribution



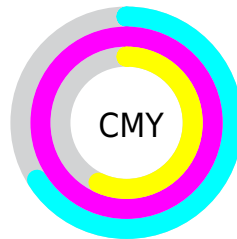
- Red (34%)
- Green (0%)
- Blue (43%)



- Red (34%)
- Yellow (0%)
- Blue (43%)



- Cyan (22%)
- Magenta (100%)
- Yellow (0%)
- Black (57%)



- Cyan (66%)
- Magenta (100%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 56006E 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 56006E by changing the saturation by 10% instead.

 56006E

 56006E

 FFFDFF

 3C0055

 8C3DA2

 26003E

 A757BE

 000027

 C371DA

 000110

 E08CF7

 000000

 FEA8FF

 FFC3FF

 FFE0FF

 56006E

 580B6E

 5B166E

 5D216E

 602C6E

 62376E

 64426E

 674D6E

 69586E

 6C636E

Harmonies

Analogous

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



002D8B



56006E



780042

Triad

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



56006E



4A2A00



004251

Complementary

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



56006E



186E00

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.



004120



56006E



1E3800

Square

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



56006E



690500



003E00



00427A

Rectangle

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



56006E



7D0024



003E00



004241

Sweetspot

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



56006E



85648F



001A6E



422E47



C7C7C7



474747

Same Dimension

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



56006E



70008F



6E0051



373238



5E0078



C100F7

Inverse Universe

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



6E0018



8F001F



006E1D



383234



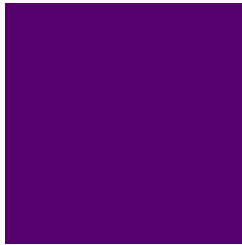
78001A



F70036

Previews

White Background



This preview shows how the Hex color 56006E looks on a white background.

Color Contrast Check

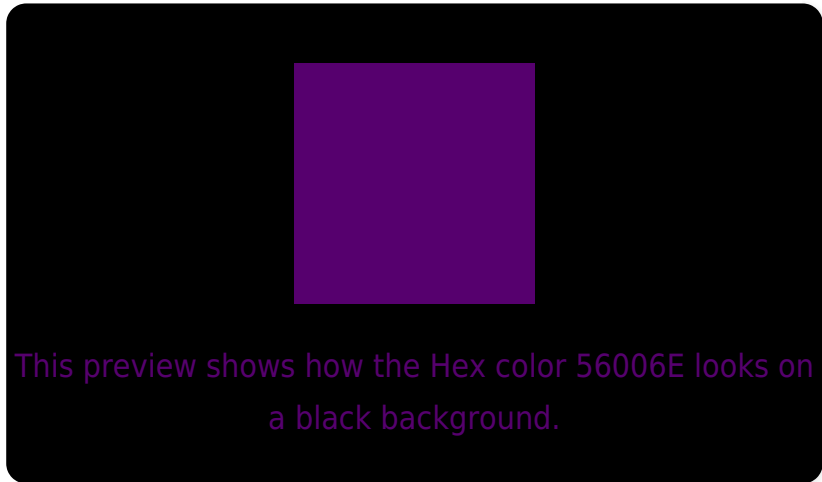
Large Text (above 18pt) WCAG AA ✓ Pass

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

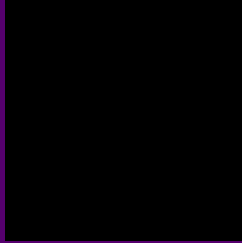
Any Text WCAG AA × Fail

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 56006E Background



This preview shows how black text looks on a background with the Hex color 56006E.



This preview shows how white text looks on a background with the Hex color 56006E.

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
56006E

Protanopia
00336C

Deuteranopia
00365F



Tritanopia
4D2B2E

Trichromacy



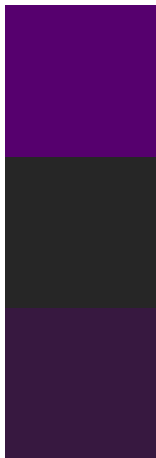
Original Color
56006E

Protanomaly
1F206D

Deuteranomaly
1F2264

Tritanomaly
501B45

Monochromacy



Original Color
56006E

Achromatopsia
262626

Achromatomaly
371840

CSS Examples

Text

The CSS property to change the color of the text to Hex 56006E 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 #56006E looks like.

```
.text, #text, p{  
    color:#56006E  
}
```

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 #56006E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #56006E
}
```

Border

The CSS property to change the border of an element to Hex 56006E is called "border". The border property can be set on classes, ids or directly on the HTML element.

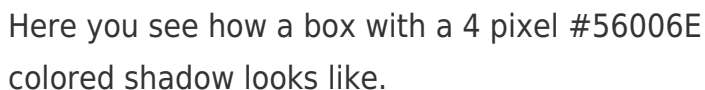
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#56006E }
```

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

```
.border{ border-color:#56006E }
```

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



Here you see how a box with a 4 pixel #56006E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #56006E; -webkit-box-shadow:4px 4px  
4px 4px #56006E; box-shadow:4px 4px 4px  
4px #56006E }
```

Background

The CSS property to change the background color of an element to Hex 56006E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#56006E }
```

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

```
.background{ background-color:#56006E }
```

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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