

Converting Colors

Hex(40096A)

Have a look what the booklet for
Hex(40096A) contains.

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Color

Hex(40096A)

Conversions

Conversions Part 1

Format	Color
Hex	40096A
RGB	64, 9, 106
RGB Percent	25%, 4%, 42%
CMY	0.7490, 0.9647, 0.5843
CMYK	0.40, 0.92, 0.00, 0.58
HSL	274°, 84%, 23%
HSV	274°, 92%, 42%
XYZ	4.8136, 2.3260, 13.8309
YIQ	36.5030, 1.6430, 41.8270

Conversions

Conversions Part 2

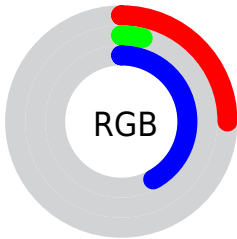
Format	Color
RYB	64, 9, 106
Decimal	4196714
CIELab	17.11, 42.26, -43.45
CIELCh	17, 60.611, 314.208
Yxy	2.3260, 0.2295, 0.1109
Android (android.graphics.Color)	4282386794 (0xFF40096A)
YUV	36.5030, 34.2620, 24.1149
Hunter-Lab	15.2511, 29.6486, -43.0930

Details

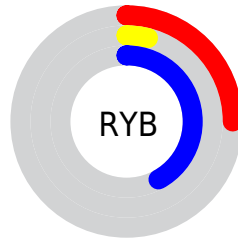
The Hex color **40096A** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **336A09**, and the grayscale version is **242424**.

A 20% lighter version of the original color is **753D9E**, and **0D003A** is the 20% darker color. If you saturate the color by 10%, you get **3C006A**, and if you desaturate by 10%, it is **45146A**.

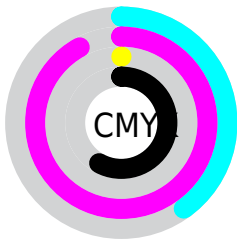
Distribution



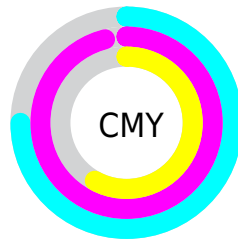
- Red (25%)
- Green (4%)
- Blue (42%)



- Red (25%)
- Yellow (4%)
- Blue (42%)



- Cyan (40%)
- Magenta (92%)
- Yellow (0%)
- Black (58%)



- Cyan (75%)
- Magenta (96%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 40096A 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 40096A by changing the saturation by 10% instead.

 40096A

 40096A

 FFF9FF

 260051

 753D9E

 0D003A

 9056BA

 000223

 AB70D5

 00000A

 C88AF2

 000000

 E5A5FF

 FFC0FF

 FFDDFF

 40096A

 40096A

■ 3C006A

■ 45146A

■ 491E6A

■ 4E296A

■ 52336A

■ 573E6A

■ 5C496A

■ 60536A

■ 655E6A

■ 69686A

Harmonies

Analogous

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



002A81



40096A



680043

Triad

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



40096A



471F00



003A3F

Complementary

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



40096A



336A09

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.



003910



40096A



222F00

Square

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



40096A



620000



003500



003A67

Rectangle

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



40096A



700026



003500



003A2F

Sweetspot

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



40096A



7A658A



09336A



3B2F45



C4C4C4



454545

Same Dimension

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



40096A



4E008A



6A0964



333036



430075



8B00F5

Inverse Universe

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



6A0933



8A003C



096A0F



363033



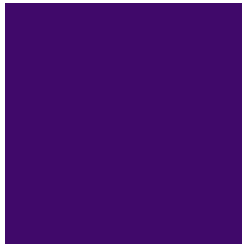
750033



F5006A

Previews

White Background



This preview shows how the Hex color 40096A looks on a white background.

Color Contrast Check

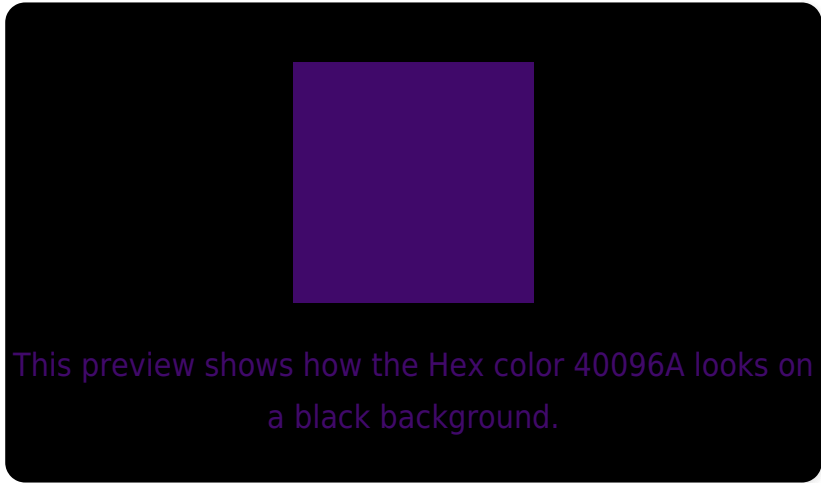
Large Text (above 18pt) WCAG AA ✓ Pass

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

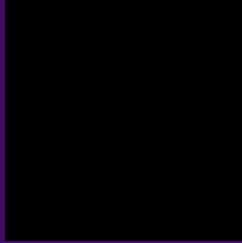
Any Text WCAG AA × Fail

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 40096A Background



This preview shows how black text looks on a background with the Hex color 40096A.



This preview shows how white text looks on a background with the Hex color 40096A.

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](#).

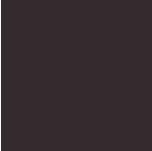
Dichromacy



Original Color
40096A

Protanopia
002B5A

Deuteranopia
002E4E



Tritanopia
332A2D

Trichromacy



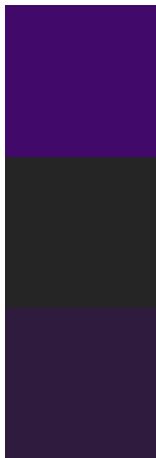
Original Color
40096A

Protanomaly
171F60

Deuteranomaly
172158

Tritanomaly
381E43

Monochromacy



Original Color
40096A

Achromatopsia
252525

Achromatomaly
2F1B3E

CSS Examples

Text

The CSS property to change the color of the text to Hex 40096A 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 #40096A looks like.

```
.text, #text, p{  
    color:#40096A  
}
```

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 #40096A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #40096A
}
```

Border

The CSS property to change the border of an element to Hex 40096A is called "border". The border property can be set on classes, ids or directly on the HTML element.

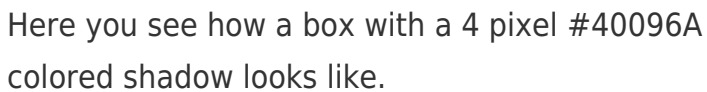
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#40096A }
```

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

```
.border{ border-color:#40096A }
```

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



Here you see how a box with a 4 pixel #40096A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #40096A; -webkit-box-shadow:4px 4px  
4px 4px #40096A; box-shadow:4px 4px 4px  
4px #40096A }
```

Background

The CSS property to change the background color of an element to Hex 40096A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#40096A }
```

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

```
.background{ background-color:#40096A }
```

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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