

Converting Colors

Hex(44046A)

Have a look what the booklet for
Hex(44046A) contains.

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Color

Hex(44046A)

Conversions

Conversions Part 1

Format	Color
Hex	44046A
RGB	68, 4, 106
RGB Percent	27%, 2%, 42%
CMY	0.7333, 0.9843, 0.5843
CMYK	0.36, 0.96, 0.00, 0.58
HSL	278°, 93%, 22%
HSV	278°, 96%, 42%
XYZ	5.0288, 2.3564, 13.8254
YIQ	34.7640, 5.4020, 45.2900

Conversions

Conversions Part 2

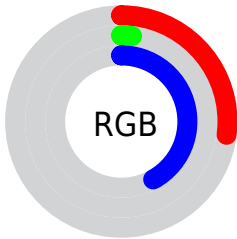
Format	Color
RYB	68, 4, 106
Decimal	4457578
CIELab	17.26, 44.36, -43.19
CIELCh	17, 61.910, 315.769
Yxy	2.3564, 0.2371, 0.1111
Android (android.graphics.Color)	4282647658 (0xFF44046A)
YUV	34.7640, 35.1193, 29.1480
Hunter-Lab	15.3505, 31.6132, -42.6542

Details

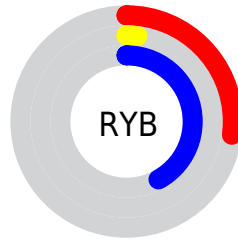
The Hex color **44046A** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **2A6A04**, and the grayscale version is **222222**.

A 20% lighter version of the original color is **793B9E**, and **12003A** is the 20% darker color. If you saturate the color by 10%, you get **43006A**, and if you desaturate by 10%, it is **480F6A**.

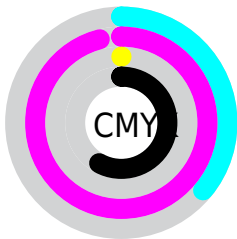
Distribution



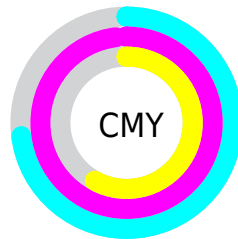
- Red (27%)
- Green (2%)
- Blue (42%)



- Red (27%)
- Yellow (2%)
- Blue (42%)



- Cyan (36%)
- Magenta (96%)
- Yellow (0%)
- Black (58%)



- Cyan (73%)
- Magenta (98%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 44046A 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 44046A by changing the saturation by 10% instead.

 44046A

 44046A

 FFF8FF

 2A0051

 793B9E

 12003A

 9454BA

 000223

 B06ED5

 00000A

 CC88F2

 000000

 E9A3FF

 FFBFFF

 FFDBFF

 44046A

 44046A

■ 43006A

■ 480F6A

■ 4C196A

■ 50246A

■ 542E6A

■ 58396A

■ 5C446A

■ 604E6A

■ 64596A

■ 68636A

Harmonies

Analogous

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



002A83



44046A



6A0042

Triad

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



44046A



462100



003A42

Complementary

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



44046A



2A6A04

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.



003912



44046A



1F3000

Square

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



44046A



630000



003600



003A6B

Rectangle

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



44046A



720024



003600



003A32

Sweetspot

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



44046A



7B628A



042B6A



3C2D45



C4C4C4



454545

Same Dimension

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



44046A



56008A



6A045E



343036



4A0075



9A00F5

Inverse Universe

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



6A042A



8A0033



046A10



363032



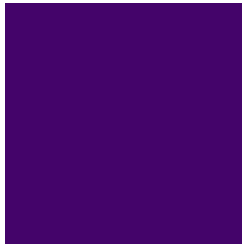
75002C



F5005B

Previews

White Background



This preview shows how the Hex color 44046A looks on a white background.

Color Contrast Check

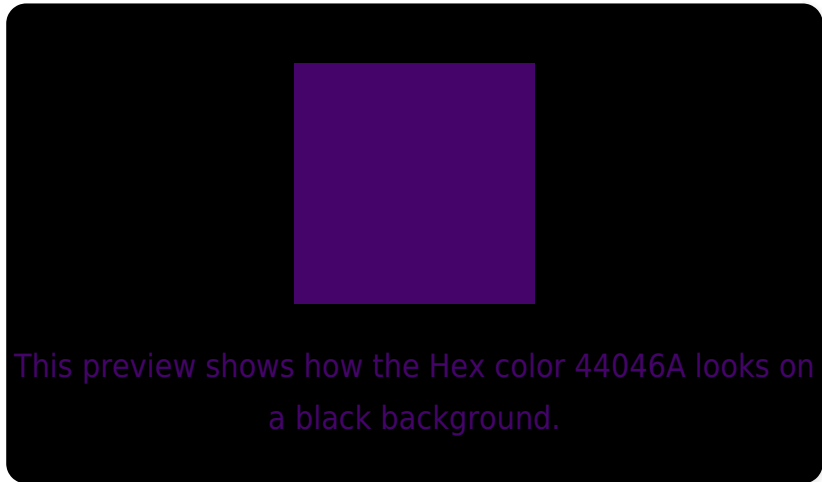
Large Text (above 18pt) WCAG AA ✓ Pass

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

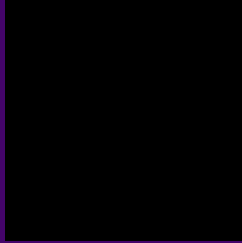
Any Text WCAG AA × Fail

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 44046A Background



This preview shows how black text looks on a background with the Hex color 44046A.



This preview shows how white text looks on a background with the Hex color 44046A.

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
44046A

Protanopia
002C5D

Deuteranopia
002F50



Tritanopia
38292D

Trichromacy



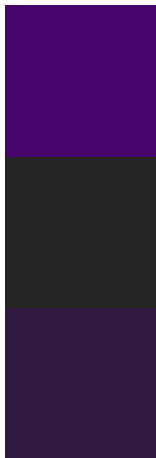
Original Color
44046A

Protanomaly
191D62

Deuteranomaly
191F59

Tritanomaly
3C1C43

Monochromacy



Original Color
44046A

Achromatopsia
232323

Achromatomaly
2F183D

CSS Examples

Text

The CSS property to change the color of the text to Hex 44046A 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 #44046A looks like.

```
.text, #text, p{  
    color:#44046A  
}
```

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 #44046A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #44046A
}
```

Border

The CSS property to change the border of an element to Hex 44046A is called "border". The border property can be set on classes, ids or directly on the HTML element.

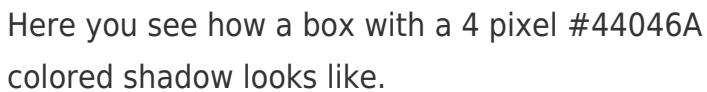
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#44046A }
```

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

```
.border{ border-color:#44046A }
```

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



Here you see how a box with a 4 pixel #44046A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #44046A; -webkit-box-shadow:4px 4px  
4px 4px #44046A; box-shadow:4px 4px 4px  
4px #44046A }
```

Background

The CSS property to change the background color of an element to Hex 44046A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#44046A }
```

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

```
.background{ background-color:#44046A }
```

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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