

Converting Colors

Hex(44166C)

Have a look what the booklet for
Hex(44166C) contains.

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Color

Hex(44166C)

Conversions

Conversions Part 1

Format	Color
Hex	44166C
RGB	68, 22, 108
RGB Percent	27%, 9%, 42%
CMY	0.7333, 0.9137, 0.5765
CMYK	0.37, 0.80, 0.00, 0.58
HSL	272°, 66%, 25%
HSV	272°, 80%, 42%
XYZ	5.3776, 2.8855, 14.4609
YIQ	45.5580, -0.1900, 36.4980

Conversions

Conversions Part 2

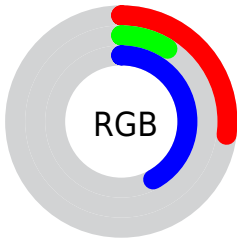
Format	Color
RYB	68, 22, 108
Decimal	4462188
CIELab	19.58, 38.59, -40.70
CIElCh	20, 56.085, 313.478
Yxy	2.8855, 0.2366, 0.1270
Android (android.graphics.Color)	4282652268 (0xFF44166C)
YUV	45.5580, 30.7839, 19.6816
Hunter-Lab	16.9867, 26.7822, -38.5833

Details

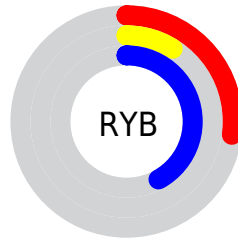
The Hex color **44166C** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **3E6C16**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **7847A0**, and **16003C** is the 20% darker color. If you saturate the color by 10%, you get **3F0B6C**, and if you desaturate by 10%, it is **49216C**.

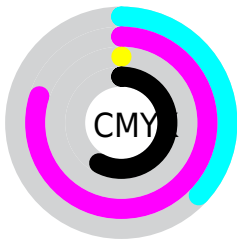
Distribution



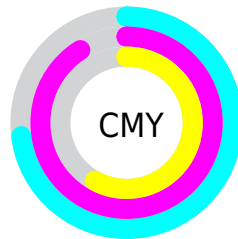
- Red (27%)
- Green (9%)
- Blue (42%)



- Red (27%)
- Yellow (9%)
- Blue (42%)



- Cyan (37%)
- Magenta (80%)
- Yellow (0%)
- Black (58%)



- Cyan (73%)
- Magenta (91%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 44166C 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 44166C by changing the saturation by 10% instead.

■ 44166C

■ 44166C

FFFFFF

■ 2A0053

■ 7847A0

■ 16003C

■ 935FBC

■ 000225

■ AF79D8

■ 00010D

■ CB93F4

■ 000000

■ E8AEFF

■ FFCAFF

■ FFE6FF

■ 44166C

■ 44166C

■ 3F0B6C

■ 49216C

■ 3A006C

■ 4E2C6C

■ 53366C

■ 58416C

■ 5D4C6C

■ 62576C

■ 67626C

■ 6C6C6C

■ 71776C

Harmonies

Analogous

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



002F81



44166C



6A0048

Triad

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



44166C



4E2500



003F42

Complementary

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



44166C



3E6C16

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.



003D16



44166C



2B3400

Square

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



44166C



670100



003A00



003F68

Rectangle

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



44166C



72002D



003A00



003F33

Sweetspot

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



44166C



7D6B8C



163E6C



3E3347



C7C7C7



474747

Same Dimension

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



44166C



4E068C



6C1669



333036



3F0075



8300F5

Inverse Universe

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



6C163E



8C0644



166C19



363033



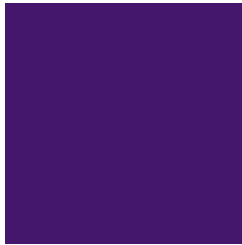
750037



F50072

Previews

White Background



This preview shows how the Hex color 44166C looks on a white background.

Color Contrast Check

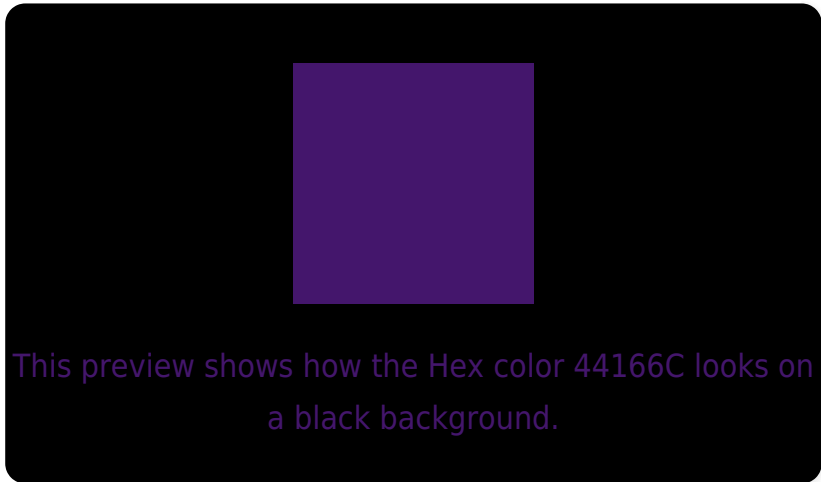
Large Text (above 18pt) WCAG AA ✓ Pass

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

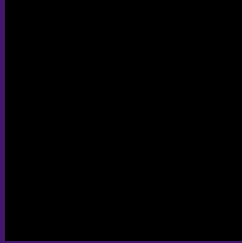
Any Text WCAG AA × Fail

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 44166C Background



This preview shows how black text looks on a background with the Hex color 44166C.



This preview shows how white text looks on a background with the Hex color 44166C.

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
44166C

Protanopia
002F63

Deuteranopia
003256



Tritanopia
382E31

Trichromacy



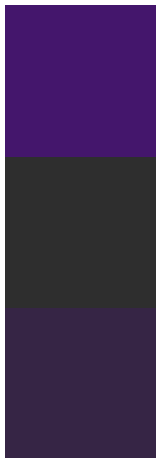
Original Color
44166C

Protanomaly
192666

Deuteranomaly
19285E

Tritanomaly
3C2546

Monochromacy



Original Color
44166C

Achromatopsia
2E2E2E

Achromatomaly
362545

CSS Examples

Text

The CSS property to change the color of the text to Hex 44166C 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 #44166C looks like.

```
.text, #text, p{  
    color:#44166C  
}
```

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 #44166C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #44166C
}
```

Border

The CSS property to change the border of an element to Hex 44166C is called "border". The border property can be set on classes, ids or directly on the HTML element.

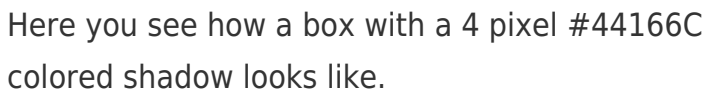
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#44166C }
```

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

```
.border{ border-color:#44166C }
```

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



Here you see how a box with a 4 pixel #44166C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #44166C; -webkit-box-shadow:4px 4px  
4px 4px #44166C; box-shadow:4px 4px 4px  
4px #44166C }
```

Background

The CSS property to change the background color of an element to Hex 44166C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#44166C }
```

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

```
.background{ background-color:#44166C }
```

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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