

Converting Colors

Hex(46216D)

Have a look what the booklet for
Hex(46216D) contains.

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Color

Hex(46216D)

Conversions

Conversions Part 1

Format	Color
Hex	46216D
RGB	70, 33, 109
RGB Percent	27%, 13%, 43%
CMY	0.7255, 0.8706, 0.5725
CMYK	0.36, 0.70, 0.00, 0.57
HSL	269°, 54%, 28%
HSV	269°, 70%, 43%
XYZ	5.8300, 3.4939, 14.8351
YIQ	52.7270, -2.3440, 31.4800

Conversions

Conversions Part 2

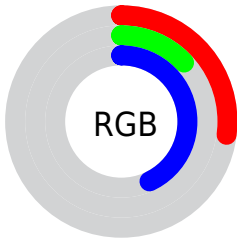
Format	Color
R_{YB}	70, 33, 109
Decimal	4596077
CIE _{Lab}	21.92, 33.73, -37.53
CIE _{LCh}	22, 50.459, 311.946
Yxy	3.4939, 0.2413, 0.1446
Android (android.graphics.Color)	4282786157 (0xFF46216D)
YUV	52.7270, 27.7426, 15.1484
Hunter-Lab	18.6921, 22.9622, -33.9716

Details

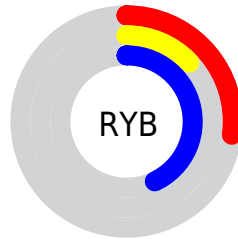
The Hex color **46216D** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **486D21**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **7A50A1**, and **17003D** is the 20% darker color. If you saturate the color by 10%, you get **40166D**, and if you desaturate by 10%, it is **4C2C6D**.

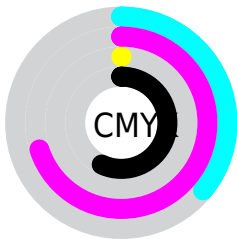
Distribution



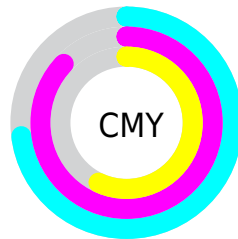
- Red (27%)
- Green (13%)
- Blue (43%)



- Red (27%)
- Yellow (13%)
- Blue (43%)



- Cyan (36%)
- Magenta (70%)
- Yellow (0%)
- Black (57%)



- Cyan (73%)
- Magenta (87%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 46216D 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 46216D by changing the saturation by 10% instead.

■ 46216D

■ 46216D

FFFFFF

■ 2D0954

■ 7A50A1

■ 17003D

■ 9469BC

■ 000226

■ B083D8

■ 00010F

■ CC9DF5

■ 000000

■ E9B8FF

■ FFD4FF

■ FFF1FF

■ 46216D

■ 46216D

■ 40166D

■ 4C2C6D

■ 3B0B6D

■ 51376D

■ 35006D

■ 57426D

■ 5C4D6D

■ 62576D

■ 68626D

■ 6D6D6D

■ 73786D

■ 78836D

Harmonies

Analogous

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



00357F



46216D



6A004D

Triad

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



46216D



542A00



004443

Complementary

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



46216D



486D21

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.



00421B



46216D



343800

Square

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



46216D



6A1200



003F00



004366

Rectangle

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



46216D



730034



003F00



004336

Sweetspot

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



46216D



7F718F



21486D



3E3647



C7C7C7



474747

Same Dimension

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



46216D



51178F



6C216D



333036



390075



7700F5

Inverse Universe

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



6D2148



8F1754



226D21



363033



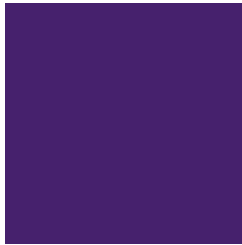
75003C



F5007E

Previews

White Background



This preview shows how the Hex color 46216D looks on a white background.

Color Contrast Check

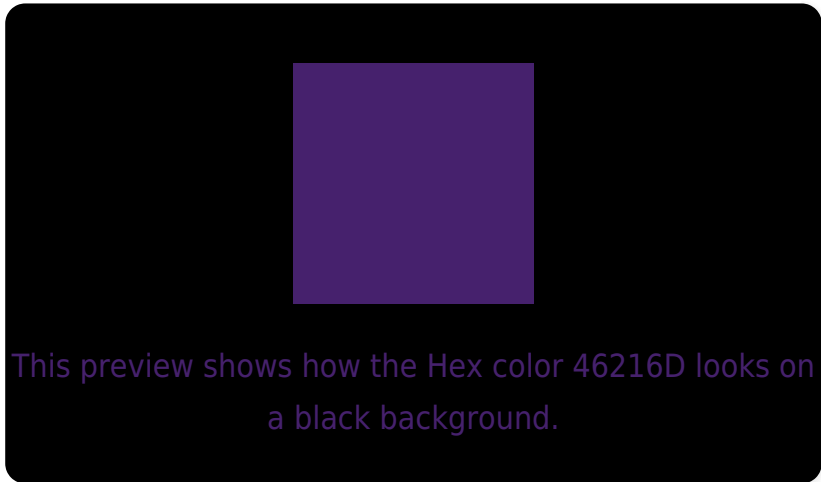
Large Text (above 18pt) WCAG AA ✓ Pass

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

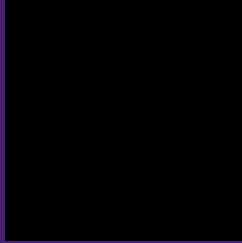
Any Text WCAG AA × Fail

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 46216D Background



This preview shows how black text looks on a background with the Hex color 46216D.



This preview shows how white text looks on a background with the Hex color 46216D.

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
46216D

Protanopia
00336D

Deuteranopia
00365F



Tritanopia
3B3337

Trichromacy



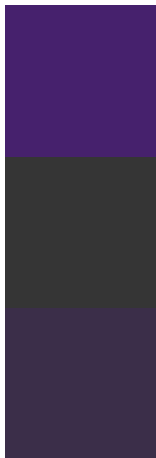
Original Color
46216D

Protanomaly
192C6D

Deuteranomaly
192E64

Tritanomaly
3F2C4B

Monochromacy



Original Color
46216D

Achromatopsia
353535

Achromatomaly
3B2E49

CSS Examples

Text

The CSS property to change the color of the text to Hex 46216D 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 #46216D looks like.

```
.text, #text, p{  
    color:#46216D  
}
```

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 #46216D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #46216D
}
```

Border

The CSS property to change the border of an element to Hex 46216D is called "border". The border property can be set on classes, ids or directly on the HTML element.

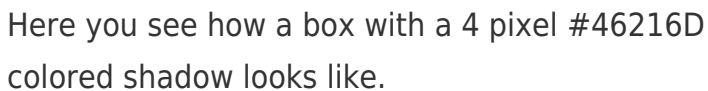
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#46216D }
```

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

```
.border{ border-color:#46216D }
```

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



Here you see how a box with a 4 pixel #46216D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #46216D; -webkit-box-shadow:4px 4px  
4px 4px #46216D; box-shadow:4px 4px 4px  
4px #46216D }
```

Background

The CSS property to change the background color of an element to Hex 46216D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#46216D }
```

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

```
.background{ background-color:#46216D }
```

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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