

Converting Colors

Hex(47176E)

Have a look what the booklet for
Hex(47176E) contains.

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Color

Hex(47176E)

Conversions

Conversions Part 1

Format	Color
Hex	47176E
RGB	71, 23, 110
RGB Percent	28%, 9%, 43%
CMY	0.7216, 0.9098, 0.5686
CMYK	0.35, 0.79, 0.00, 0.57
HSL	273°, 65%, 26%
HSV	273°, 79%, 43%
XYZ	5.7194, 3.0782, 15.0446
YIQ	47.2700, 0.6810, 37.2330

Conversions

Conversions Part 2

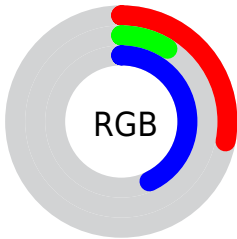
Format	Color
R_{YB}	71, 23, 110
Decimal	4659054
CIE _{Lab}	20.35, 39.23, -40.72
CIE _{LCh}	20, 56.542, 313.938
Yxy	3.0782, 0.2399, 0.1291
Android (android.graphics.Color)	4282849134 (0xFF47176E)
YUV	47.2700, 30.9259, 20.8112
Hunter-Lab	17.5447, 27.4859, -38.5597

Details

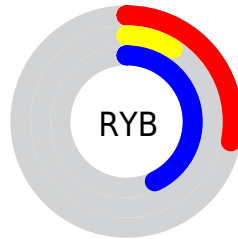
The Hex color **47176E** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **3E6E17**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **7B48A2**, and **19003E** is the 20% darker color. If you saturate the color by 10%, you get **420C6E**, and if you desaturate by 10%, it is **4C226E**.

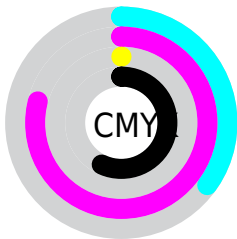
Distribution



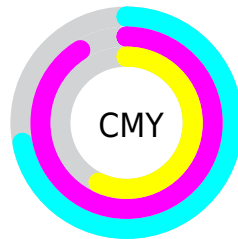
- Red (28%)
- Green (9%)
- Blue (43%)



- Red (28%)
- Yellow (9%)
- Blue (43%)



- Cyan (35%)
- Magenta (79%)
- Yellow (0%)
- Black (57%)



- Cyan (72%)
- Magenta (91%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 47176E 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 47176E by changing the saturation by 10% instead.

47176E

47176E

FFFFFF

2D0055

7B48A2

19003E

9661BE

000327

B27ADA

000110

CE95F7

000000

EBB0FF

FFCCFF

FFE8FF

47176E

47176E

■ 420C6E

■ 4C226E

■ 3D016E

■ 512D6E

■ 3D006E

■ 56386E

■ 5B436E

■ 604E6E

■ 65596E

■ 6A646E

■ 6E6F6E

■ 737A6E

Harmonies

Analogous

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



003184



47176E



6D0049

Triad

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



47176E



4F2700



004144

Complementary

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



47176E



3E6E17

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.



003F18



47176E



2C3500

Square

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



47176E



690300



003C00



00416B

Rectangle

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



47176E



75002E



003C00



004036

Sweetspot

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



47176E



7F6D8F



173E6E



3E3347



C7C7C7



474747

Same Dimension

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



47176E



52078F



6E176A



363238



420078



8800F7

Inverse Universe

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



6E173E



8F0744



176E1B



383235



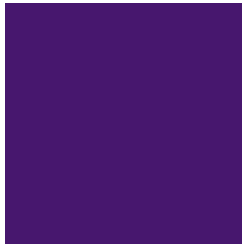
780036



F7006F

Previews

White Background



This preview shows how the Hex color 47176E 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

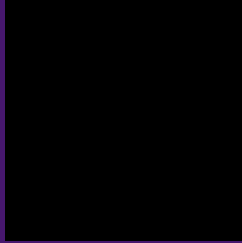
Any Text WCAG AA × Fail

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 47176E Background



This preview shows how black text looks on a background with the Hex color 47176E.



This preview shows how white text looks on a background with the Hex color 47176E.

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
47176E

Protanopia
003167

Deuteranopia
003459



Tritanopia
3B2F33

Trichromacy



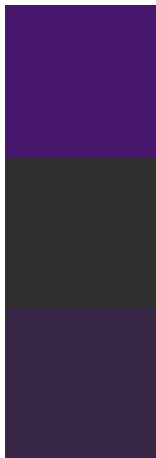
Original Color
47176E

Protanomaly
1A286A

Deuteranomaly
1A2961

Tritanomaly
3F2648

Monochromacy



Original Color
47176E

Achromatopsia
2F2F2F

Achromatomaly
382646

CSS Examples

Text

The CSS property to change the color of the text to Hex 47176E 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 #47176E looks like.

```
.text, #text, p{  
    color:#47176E  
}
```

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 #47176E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #47176E
}
```

Border

The CSS property to change the border of an element to Hex 47176E is called "border". The border property can be set on classes, ids or directly on the HTML element.

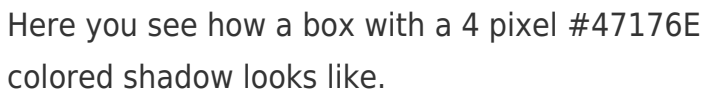
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#47176E }
```

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

```
.border{ border-color:#47176E }
```

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



Here you see how a box with a 4 pixel #47176E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #47176E; -webkit-box-shadow:4px 4px  
4px 4px #47176E; box-shadow:4px 4px 4px  
4px #47176E }
```

Background

The CSS property to change the background color of an element to Hex 47176E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#47176E }
```

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

```
.background{ background-color:#47176E }
```

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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