

Converting Colors

Hex(45167C)

Have a look what the booklet for
Hex(45167C) contains.

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Color

Hex(45167C)

Conversions

Conversions Part 1

Format	Color
Hex	45167C
RGB	69, 22, 124
RGB Percent	27%, 9%, 49%
CMY	0.7294, 0.9137, 0.5137
CMYK	0.44, 0.82, 0.00, 0.51
HSL	268°, 70%, 29%
HSV	268°, 82%, 49%
XYZ	6.3792, 3.2943, 19.3684
YIQ	47.6810, -4.7300, 41.6860

Conversions

Conversions Part 2

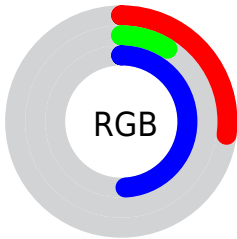
Format	Color
R _{YB}	69, 22, 124
Decimal	4527740
CIE Lab	21.19, 42.91, -48.37
CIE LCh	21, 64.658, 311.580
Yxy	3.2943, 0.2197, 0.1134
Android (android.graphics.Color)	4282717820 (0xFF45167C)
YUV	47.6810, 37.6253, 18.6968
Hunter-Lab	18.1501, 30.9750, -50.5647

Details

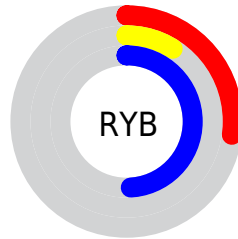
The Hex color **45167C** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **4D7C16**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **7B48B2**, and **10004A** is the 20% darker color. If you saturate the color by 10%, you get **3E0A7C**, and if you desaturate by 10%, it is **4C227C**.

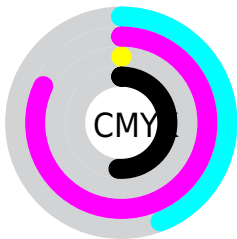
Distribution



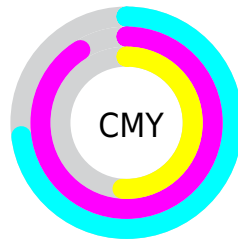
- Red (27%)
- Green (9%)
- Blue (49%)



- Red (27%)
- Yellow (9%)
- Blue (49%)



- Cyan (44%)
- Magenta (82%)
- Yellow (0%)
- Black (51%)



- Cyan (73%)
- Magenta (91%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 45167C 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 45167C by changing the saturation by 10% instead.

 45167C

 45167C

FFFFFF

 2A0062

 7B48B2

 10004A

 9661CD

 000032

 B27AEA

 00021C

 CF95FF

 000000

 ECB0FF

 FFCCFF

 FFE8FF

 45167C

 45167C

■ 3E0A7C

■ 4C227C

■ 39007C

■ 522F7C

■ 593B7C

■ 60487C

■ 66547C

■ 6D607C

■ 746D7C

■ 7A797C

■ 81867C

Harmonies

Analogous

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



003593



45167C



750052

Triad

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



45167C



572500



004445

Complementary

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



45167C



4D7C16

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.



004211



45167C



2F3700

Square

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



45167C



740000



003F00



004473

Rectangle

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



45167C



7F0033



003F00



004434

Sweetspot

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



45167C



8B78A1



164E7C



443952



D1D1D1



525252

Same Dimension

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



45167C



4B02A1



77167C



3A373D



3A007D



7400FC

Inverse Universe

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



7C164D



A10257



1B7C16



3D373A



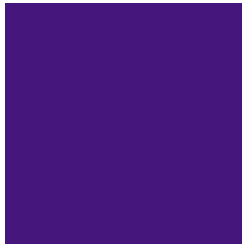
7D0043



FC0088

Previews

White Background



This preview shows how the Hex color 45167C looks on a white background.

Color Contrast Check

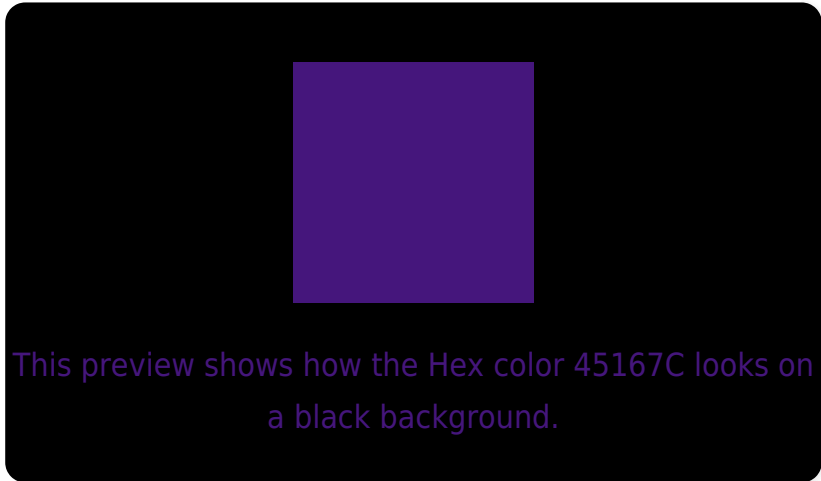
Large Text (above 18pt) WCAG AA ✓ Pass

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

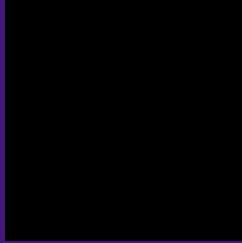
Any Text WCAG AA × Fail

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 45167C Background



This preview shows how black text looks on a background with the Hex color 45167C.



This preview shows how white text looks on a background with the Hex color 45167C.

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
45167C

Protanopia
00326A

Deuteranopia
00365B



Tritanopia
353438

Trichromacy



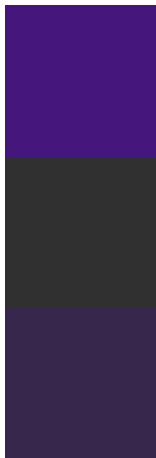
Original Color
45167C

Protanomaly
192871

Deuteranomaly
192A67

Tritanomaly
3B2951

Monochromacy



Original Color
45167C

Achromatopsia
303030

Achromatomaly
38274C

CSS Examples

Text

The CSS property to change the color of the text to Hex 45167C 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 #45167C looks like.

```
.text, #text, p{  
    color:#45167C  
}
```

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 #45167C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #45167C
}
```

Border

The CSS property to change the border of an element to Hex 45167C is called "border". The border property can be set on classes, ids or directly on the HTML element.

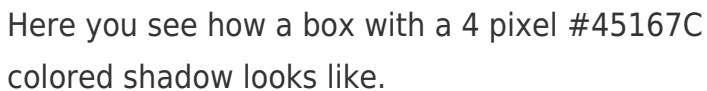
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#45167C }
```

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

```
.border{ border-color:#45167C }
```

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



Here you see how a box with a 4 pixel #45167C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #45167C; -webkit-box-shadow:4px 4px  
4px 4px #45167C; box-shadow:4px 4px 4px  
4px #45167C }
```

Background

The CSS property to change the background color of an element to Hex 45167C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#45167C }
```

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

```
.background{ background-color:#45167C }
```

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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