

Converting Colors

Hex(45527C)

Have a look what the booklet for
Hex(45527C) contains.

Hex(45527C)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(45527C)

Conversions

Conversions Part 1

Format	Color
Hex	45527C
RGB	69, 82, 124
RGB Percent	27%, 32%, 49%
CMY	0.7294, 0.6784, 0.5137
CMYK	0.44, 0.34, 0.00, 0.51
HSL	226°, 28%, 38%
HSV	226°, 44%, 49%
XYZ	9.1096, 8.7550, 20.2785
YIQ	82.9010, -21.2300, 10.3060

Conversions

Conversions Part 2

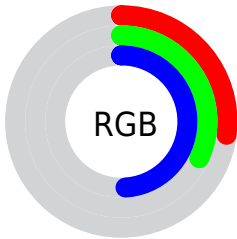
Format	Color
R_{YB}	69, 80, 124
Decimal	4543100
CIE _{Lab}	35.51, 6.80, -25.41
CIE _{LCh}	36, 26.302, 284.983
Yxy	8.7550, 0.2388, 0.2295
Android (android.graphics.Color)	4282733180 (0xFF45527C)
YUV	82.9010, 20.2618, -12.1912
Hunter-Lab	29.5889, 3.1748, -19.9217

Details

The Hex color **45527C** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **7C6F45**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **7883B1**, and **12264B** is the 20% darker color. If you saturate the color by 10%, you get **39497C**, and if you desaturate by 10%, it is **515B7C**.

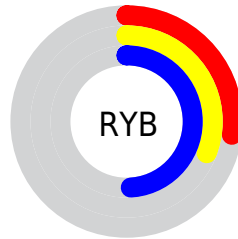
Distribution



Red (27%)

Green (32%)

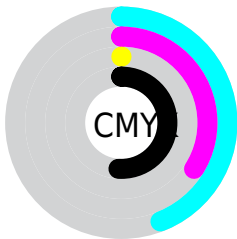
Blue (49%)



Red (27%)

Yellow (31%)

Blue (49%)

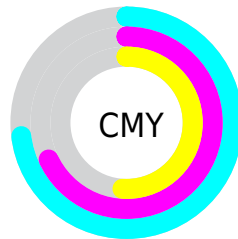


Cyan (44%)

Magenta (34%)

Yellow (0%)

Black (51%)



Cyan (73%)

Magenta (68%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 45527C 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 45527C by changing the saturation by 10% instead.

■ 45527C

■ 45527C

FFFFFF

■ 2C3B63

■ 7883B1

■ 12264B

■ 929DCC

■ 001134

■ ADB8E9

■ 00021E

■ C9D4FF

■ 000001

■ E6F0FF

■ 000000

■ 45527C

■ 45527C

■ 39497C

■ 515B7C

■ 2C3F7C

■ 5E657C

■ 20367C

■ 6A6E7C

■ 132C7C

■ 77787C

■ 07237C

■ 83817C

■ 001D7C

■ 8F8B7C

■ 9C947C

■ A89E7C

■ B5A77C

Harmonies

Analogous

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



19597C



45527C



634A71

Triad

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



45527C



774737



215E48

Complementary

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



45527C



7C6F45

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.



3F5B35



45527C



6A4F2B

Square

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



45527C



7C434A



56562A



005E5E

Rectangle

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



45527C



714666



56562A



2C5D41

Sweetspot

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



45527C



8C91A1



457C6E



454852



D1D1D1



525252

Same Dimension

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



45527C



4C60A1



53457C



37393D



001E7D



003CFC

Inverse Universe

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



7C4552



A14C60



6E7C45



3D3739



7D001E



FC003C

Previews

White Background



This preview shows how the Hex color 45527C looks on a white background.

Color Contrast Check

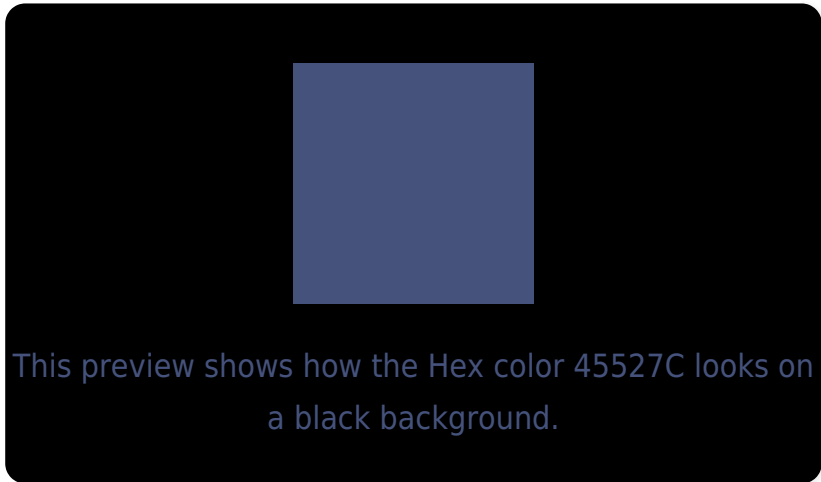
Large Text (above 18pt) WCAG AA ✓ Pass

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

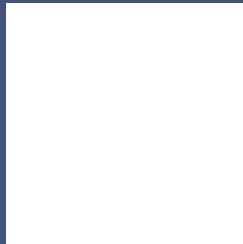
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 45527C Background



This preview shows how black text looks on a background with the Hex color 45527C.



This preview shows how white text looks on a background with the Hex color 45527C.

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
45527C

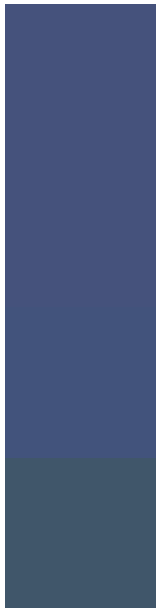
Protanopia
45527C

Deuteranopia
41537C



Tritanopia
3D585F

Trichromacy



Original Color
45527C

Protanomaly
45527C

Deuteranomaly
42537C

Tritanomaly
40566A

Monochromacy



Original Color
45527C

Achromatopsia
535353

Achromatomaly
4E5362

CSS Examples

Text

The CSS property to change the color of the text to Hex 45527C 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 #45527C looks like.

```
.text, #text, p{  
    color:#45527C  
}
```

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 #45527C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #45527C
}
```

Border

The CSS property to change the border of an element to Hex 45527C is called "border". The border property can be set on classes, ids or directly on the HTML element.

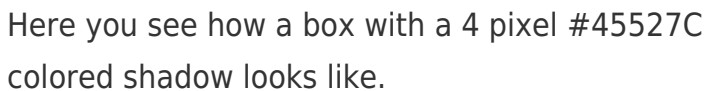
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#45527C }
```

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

```
.border{ border-color:#45527C }
```

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



Here you see how a box with a 4 pixel #45527C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #45527C; -webkit-box-shadow:4px 4px  
4px 4px #45527C; box-shadow:4px 4px 4px  
4px #45527C }
```

Background

The CSS property to change the background color of an element to Hex 45527C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#45527C }
```

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

```
.background{ background-color:#45527C }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor