

Converting Colors

Hex(45164C)

Have a look what the booklet for
Hex(45164C) contains.

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Color

Hex(45164C)

Conversions

Conversions Part 1

Format	Color
Hex	45164C
RGB	69, 22, 76
RGB Percent	27%, 9%, 30%
CMY	0.7294, 0.9137, 0.7020
CMYK	0.09, 0.71, 0.00, 0.70
HSL	292°, 55%, 19%
HSV	292°, 71%, 30%
XYZ	4.0457, 2.3608, 7.0799
YIQ	42.2090, 10.6780, 26.7580

Conversions

Conversions Part 2

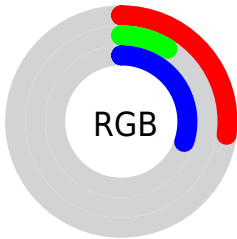
Format	Color
R _Y B	69, 22, 76
Decimal	4527692
CIE Lab	17.28, 31.14, -23.05
CIE LCh	17, 38.743, 323.492
Yxy	2.3608, 0.3000, 0.1751
Android (android.graphics.Color)	4282717772 (0xFF45164C)
YUV	42.2090, 16.6590, 23.4957
Hunter-Lab	15.3650, 20.1110, -16.5643

Details

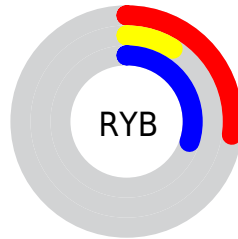
The Hex color **45164C** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **1D4C16**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **77457D**, and **170020** is the 20% darker color. If you saturate the color by 10%, you get **440E4C**, and if you desaturate by 10%, it is **461E4C**.

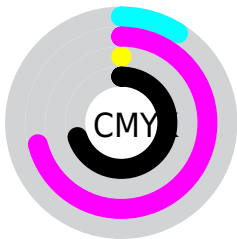
Distribution



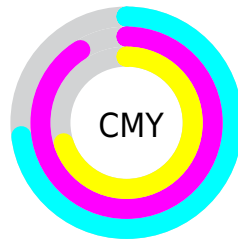
- Red (27%)
- Green (9%)
- Blue (30%)



- Red (27%)
- Yellow (9%)
- Blue (30%)



- Cyan (9%)
- Magenta (71%)
- Yellow (0%)
- Black (70%)



- Cyan (73%)
- Magenta (91%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 45164C 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 45164C by changing the saturation by 10% instead.

■ 45164C

■ 45164C

FFFFFF

■ 2D0035

■ 77457D

■ 170020

■ 925E97

■ 000003

■ AD77B2

■ 000000

■ C891CE

■ E5ACEA

■ FFC7FF

■ FFE4FF

■ 45164C

■ 45164C

■ 440E4C

■ 461E4C

■ 43074C

■ 47254C

■ 42004C

■ 482D4C

■ 49344C

■ 4A3C4C

■ 4B444C

■ 4C4B4C

■ 4D534C

■ 4E5A4C

Harmonies

Analogous

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



16265E



45164C



570432

Triad

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



45164C



3B2700



003640

Complementary

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



45164C



1D4C16

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.



003623



45164C



212F00

Square

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



45164C



4F1A00



003403



003557

Rectangle

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



45164C



5A041F



003403



003637

Sweetspot

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



45164C



614F63



161D4C



312633



B3B3B3



333333

Same Dimension

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



45164C



580F63



4C1638



262226



590066



C800E6

Inverse Universe

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



4C161D



630F1A



164C2A



262223



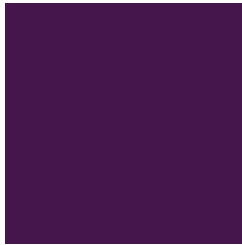
66000D



E6001E

Previews

White Background



This preview shows how the Hex color 45164C looks on a white background.

Color Contrast Check

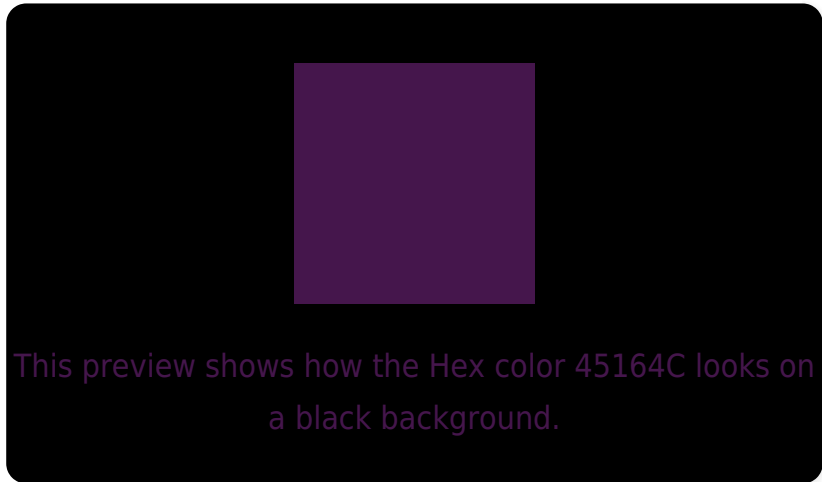
Large Text (above 18pt) WCAG AA ✓ Pass

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

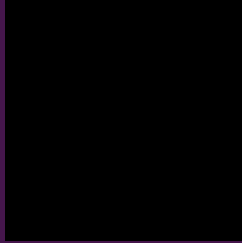
Any Text WCAG AA × Fail

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 45164C Background



This preview shows how black text looks on a background with the Hex color 45164C.



This preview shows how white text looks on a background with the Hex color 45164C.

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](#).

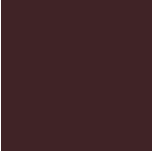
Dichromacy



Original Color
45164C

Protanopia
002A5A

Deuteranopia
192C48



Tritanopia
402326

Trichromacy



Original Color
45164C

Protanomaly
192355

Deuteranomaly
292449

Tritanomaly
421E34

Monochromacy



Original Color
45164C

Achromatopsia
2A2A2A

Achromatomaly
342336

CSS Examples

Text

The CSS property to change the color of the text to Hex 45164C 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 #45164C looks like.

```
.text, #text, p{  
    color:#45164C  
}
```

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 #45164C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #45164C
}
```

Border

The CSS property to change the border of an element to Hex 45164C is called "border". The border property can be set on classes, ids or directly on the HTML element.

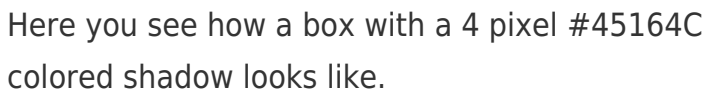
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#45164C }
```

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

```
.border{ border-color:#45164C }
```

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



Here you see how a box with a 4 pixel #45164C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #45164C; -webkit-box-shadow:4px 4px  
4px 4px #45164C; box-shadow:4px 4px 4px  
4px #45164C }
```

Background

The CSS property to change the background color of an element to Hex 45164C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#45164C }
```

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

```
.background{ background-color:#45164C }
```

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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