

Converting Colors

Hex(45213C)

Have a look what the booklet for
Hex(45213C) contains.

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Color

Hex(45213C)

Conversions

Conversions Part 1

Format	Color
Hex	45213C
RGB	69, 33, 60
RGB Percent	27%, 13%, 24%
CMY	0.7294, 0.8706, 0.7647
CMYK	0.00, 0.52, 0.13, 0.73
HSL	315°, 35%, 20%
HSV	315°, 52%, 27%
XYZ	3.8137, 2.6792, 4.5911
YIQ	46.8420, 12.7890, 16.0290

Conversions

Conversions Part 2

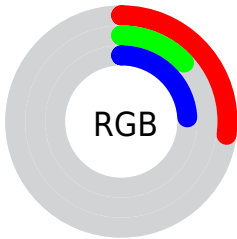
Format	Color
R_{YB}	69, 33, 60
Decimal	4530492
CIE _{Lab}	18.71, 21.56, -9.77
CIE _{LCh}	19, 23.670, 335.632
Yxy	2.6792, 0.3441, 0.2417
Android (android.graphics.Color)	4282720572 (0xFF45213C)
YUV	46.8420, 6.4869, 19.4326
Hunter-Lab	16.3682, 12.9455, -5.1725

Details

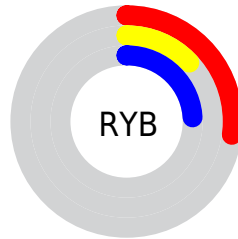
The Hex color **45213C** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **21452A**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **764F6B**, and **1A0011** is the 20% darker color. If you saturate the color by 10%, you get **451A3A**, and if you desaturate by 10%, it is **45283E**.

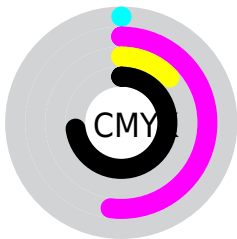
Distribution



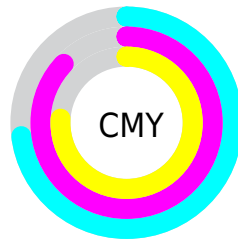
- Red (27%)
- Green (13%)
- Blue (24%)



- Red (27%)
- Yellow (13%)
- Blue (24%)



- Cyan (0%)
- Magenta (52%)
- Yellow (13%)
- Black (73%)



- Cyan (73%)
- Magenta (87%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 45213C 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 45213C by changing the saturation by 10% instead.

■ 45213C

■ 45213C

FFFFFF

■ 2E0B26

■ 764F6B

■ 1A0011

■ 906785

■ 000000

■ AB809F

■ C79BBA

■ E3B6D5

■ FFD1F2

■ FFEEFF

■ 45213C

■ 45213C

■ 451A3A

■ 45283E

■ 451339

■ 452F3F

■ 450C37

■ 453641

■ 450535

■ 453D43

■ 450034

■ 454445

■ 454A46

■ 455148

■ 45584A

■ 455F4C

Harmonies

Analogous

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



332849



45213C



4D1E2B

Triad

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



45213C



342E08



003541

Complementary

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



45213C



21452A

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.



003630



45213C



223210

Square

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



45213C



42270D



07351F



00334D

Rectangle

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



45213C



4D2020



07351F



00363C

Sweetspot

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



45213C



594B56



2A2145



2E252C



ADADAD



2E2E2E

Same Dimension

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



45213C



59214B



45212A



242023



63004B



E300AA

Inverse Universe

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



45213C



59214B



21453C



242023



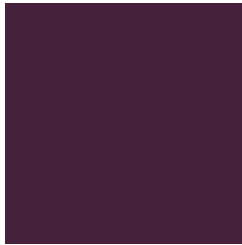
63004B



E300AA

Previews

White Background



This preview shows how the Hex color 45213C looks on a white background.

Color Contrast Check

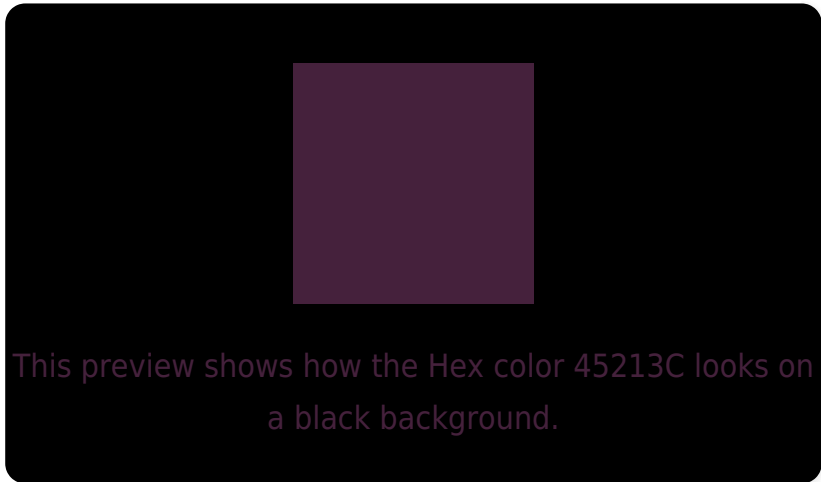
Large Text (above 18pt) WCAG AA ✓ Pass

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

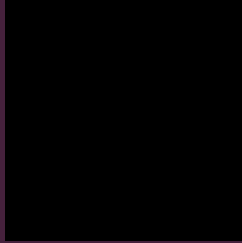
Any Text WCAG AA × Fail

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 45213C Background



This preview shows how black text looks on a background with the Hex color 45213C.



This preview shows how white text looks on a background with the Hex color 45213C.

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](#).

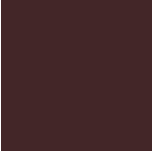
Dichromacy



Original Color
45213C

Protanopia
262D46

Deuteranopia
2D2D3A



Tritanopia
432628

Trichromacy



Original Color
45213C

Protanomaly
312942

Deuteranomaly
36293B

Tritanomaly
44242F

Monochromacy



Original Color
45213C

Achromatopsia
2F2F2F

Achromatomaly
372A34

CSS Examples

Text

The CSS property to change the color of the text to Hex 45213C 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 #45213C looks like.

```
.text, #text, p{  
    color:#45213C  
}
```

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 #45213C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #45213C  
}
```

Border

The CSS property to change the border of an element to Hex 45213C is called "border". The border property can be set on classes, ids or directly on the HTML element.

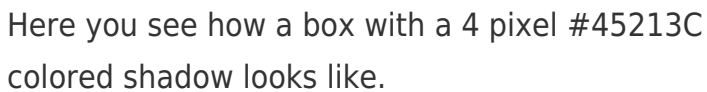
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#45213C }
```

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

```
.border{ border-color:#45213C }
```

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



Here you see how a box with a 4 pixel #45213C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #45213C; -webkit-box-shadow:4px 4px  
4px 4px #45213C; box-shadow:4px 4px 4px  
4px #45213C }
```

Background

The CSS property to change the background color of an element to Hex 45213C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#45213C }
```

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

```
.background{ background-color:#45213C }
```

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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