

Converting Colors

Hex(45222D)

Have a look what the booklet for
Hex(45222D) contains.

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Color

Hex(45222D)

Conversions

Conversions Part 1

Format	Color
Hex	45222D
RGB	69, 34, 45
RGB Percent	27%, 13%, 18%
CMY	0.7294, 0.8667, 0.8235
CMYK	0.00, 0.51, 0.35, 0.73
HSL	341°, 34%, 20%
HSV	341°, 51%, 27%
XYZ	3.4999, 2.5987, 2.7998
YIQ	45.7190, 17.3290, 10.8410

Conversions

Conversions Part 2

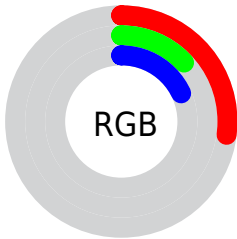
Format	Color
R_{YB}	69, 34, 45
Decimal	4530733
CIE Lab	18.36, 18.24, 0.21
CIE LCh	18, 18.246, 0.656
Yxy	2.5987, 0.3933, 0.2920
Android (android.graphics.Color)	4282720813 (0xFF45222D)
YUV	45.7190, -0.3545, 20.4174
Hunter-Lab	16.1206, 10.5430, 0.9871

Details

The Hex color **45222D** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **22453A**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **774F5B**, and **170001** is the 20% darker color. If you saturate the color by 10%, you get **451B28**, and if you desaturate by 10%, it is **452932**.

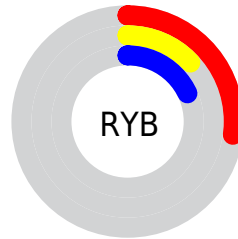
Distribution



Red (27%)

Green (13%)

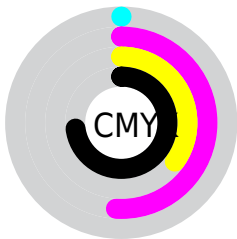
Blue (18%)



Red (27%)

Yellow (13%)

Blue (18%)

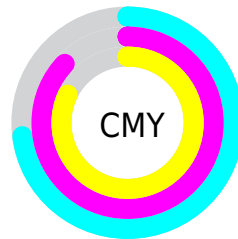


Cyan (0%)

Magenta (51%)

Yellow (35%)

Black (73%)



Cyan (73%)

Magenta (87%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 45222D 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 45222D by changing the saturation by 10% instead.

■ 45222D

■ 45222D

FFFFFF

■ 2E0D18

■ 774F5B

■ 170001

■ 916873

■ 000000

■ AC818D

■ C79BA7

■ E4B6C2

■ FFD2DE

■ FFEEFB

■ 45222D

■ 45222D

■ 451B28

■ 452932

■ 451424

■ 453036

■ 450D1F

■ 45373B

■ 45061A

■ 453E40

■ 450016

■ 454545

■ 454B49

■ 45524E

■ 455953

■ 456058

Harmonies

Analogous

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



3D243A



45222D



452320

Triad

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



45222D



273015



003143

Complementary

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



45222D



22453A

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.



00333A



45222D



17321F

Square

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



45222D



352C12



00342D



182E47

Rectangle

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



45222D



422619



00342D



003241

Sweetspot

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



45222D



594C50



3A2245



2E2628



ADADAD



2E2E2E

Same Dimension

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



45222D



592334



452822



242021



63001F



E30047

Inverse Universe

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



45222D



592334



223F45



242021



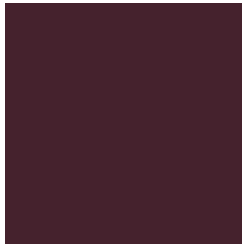
63001F



E30047

Previews

White Background



This preview shows how the Hex color 45222D looks on a white background.

Color Contrast Check

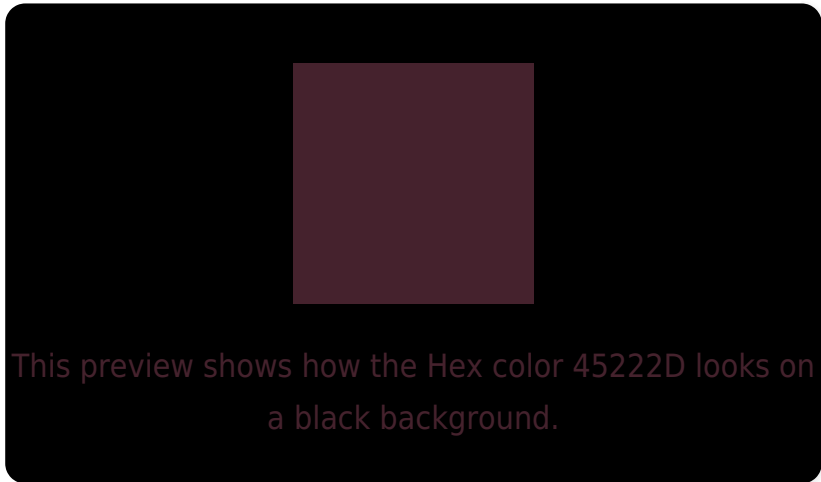
Large Text (above 18pt) WCAG AA ✓ Pass

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

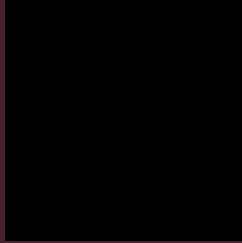
Any Text WCAG AA × Fail

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 45222D Background



This preview shows how black text looks on a background with the Hex color 45222D.



This preview shows how white text looks on a background with the Hex color 45222D.

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
45222D

Protanopia
2C2D34

Deuteranopia
332C2B



Tritanopia
442326

Trichromacy



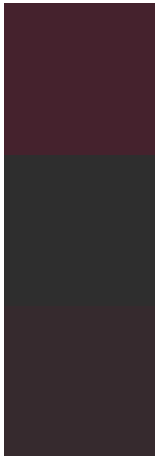
Original Color
45222D

Protanomaly
352931

Deuteranomaly
3A282C

Tritanomaly
442329

Monochromacy



Original Color
45222D

Achromatopsia
2E2E2E

Achromatomaly
362A2E

CSS Examples

Text

The CSS property to change the color of the text to Hex 45222D 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 #45222D looks like.

```
.text, #text, p{  
    color:#45222D  
}
```

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 #45222D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #45222D
}
```

Border

The CSS property to change the border of an element to Hex 45222D is called "border". The border property can be set on classes, ids or directly on the HTML element.

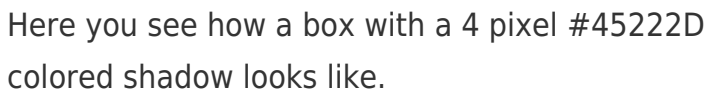
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#45222D }
```

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

```
.border{ border-color:#45222D }
```

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



Here you see how a box with a 4 pixel #45222D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #45222D; -webkit-box-shadow:4px 4px  
4px 4px #45222D; box-shadow:4px 4px 4px  
4px #45222D }
```

Background

The CSS property to change the background color of an element to Hex 45222D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#45222D }
```

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

```
.background{ background-color:#45222D }
```

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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