

Converting Colors

Hex(45462B)

Have a look what the booklet for
Hex(45462B) contains.

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Color

Hex(45462B)

Conversions

Conversions Part 1

Format	Color
Hex	45462B
RGB	69, 70, 43
RGB Percent	27%, 27%, 17%
CMY	0.7294, 0.7255, 0.8314
CMYK	0.01, 0.00, 0.39, 0.73
HSL	62°, 24%, 22%
HSV	62°, 39%, 27%
XYZ	5.0804, 5.8199, 3.1411
YIQ	66.6230, 8.0710, -8.6090

Conversions

Conversions Part 2

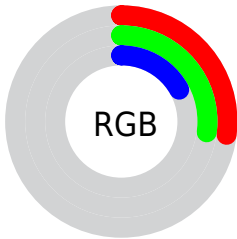
Format	Color
RYB	43, 70, 44
Decimal	4539947
CIELab	28.95, -5.42, 16.17
CIELCh	29, 17.051, 108.530
Yxy	5.8199, 0.3618, 0.4145
Android (android.graphics.Color)	4282730027 (0xFF45462B)
YUV	66.6230, -11.6461, 2.0846
Hunter-Lab	24.1246, -4.6273, 9.1675

Details

The Hex color **45462B** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **2C2B46**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **767659**, and **1B1B00** is the 20% darker color. If you saturate the color by 10%, you get **454624**, and if you desaturate by 10%, it is **454632**.

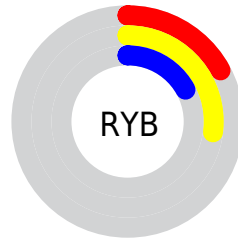
Distribution



Red (27%)

Green (27%)

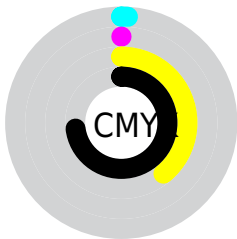
Blue (17%)



Red (17%)

Yellow (27%)

Blue (17%)

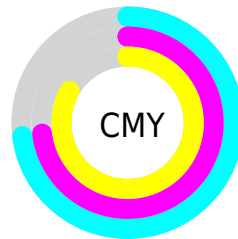


Cyan (1%)

Magenta (0%)

Yellow (39%)

Black (73%)



Cyan (73%)

Magenta (73%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 45462B 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 45462B by changing the saturation by 10% instead.



45462B



45462B

FFFFFF



2E3016



767659



1B1B00



909071



000000



AAAA8B



C6C6A5



E2E2C1



FEFEDC



FFFFFF9



45462B



45462B

■ 454624

■ 454632

■ 44461D

■ 464639

■ 444616

■ 464640

■ 44460F

■ 464647

■ 444608

■ 46464E

■ 434601

■ 474655

■ 434600

■ 47465C

■ 474663

■ 47466A

Harmonies

Analogous

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



52422B



45462B



364932

Triad

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



45462B



1A4A58



5B3B4A

Complementary

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



45462B



2C2B46

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.



503E56



45462B



2B475E

Square

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



45462B



194B4C



3F435D



5E3B3D

Rectangle

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



45462B



2C4B3A



3F435D



583C4E

Sweetspot

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



45462B



5B5C51



462C2B



2E2E27



ADADAD



2E2E2E

Same Dimension

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



45462B



5A5C32



38462B



242420



606300



DBE300

Inverse Universe

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



2C2B46



33325C



392B46



202024



040063



0800E3

Previews

White Background



This preview shows how the Hex color 45462B looks on a white background.

Color Contrast Check

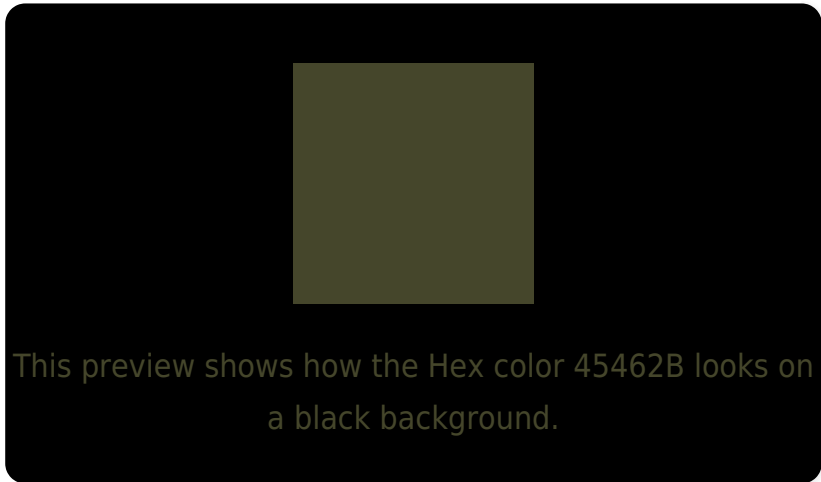
Large Text (above 18pt) WCAG AA ✓ Pass

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

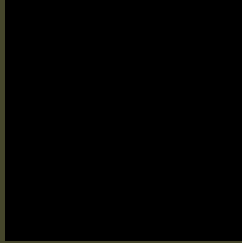
Any Text WCAG AA × Fail

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 45462B Background



This preview shows how black text looks on a background with the Hex color 45462B.

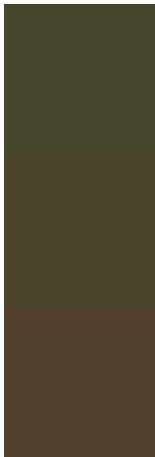


This preview shows how white text looks on a background with the Hex color 45462B.

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
45462B

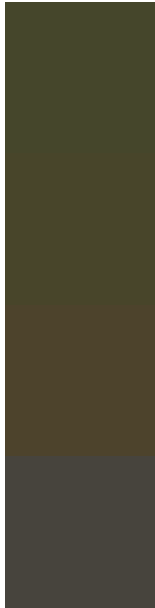
Protanopia
4A442A

Deuteranopia
52412C



Tritanopia
484348

Trichromacy



Original Color
45462B

Protanomaly
48452A

Deuteranomaly
4D432C

Tritanomaly
47443D

Monochromacy



Original Color
45462B

Achromatopsia
434343

Achromatomaly
44443A

CSS Examples

Text

The CSS property to change the color of the text to Hex 45462B 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 #45462B looks like.

```
.text, #text, p{  
    color:#45462B  
}
```

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 #45462B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #45462B
}
```

Border

The CSS property to change the border of an element to Hex 45462B is called "border". The border property can be set on classes, ids or directly on the HTML element.

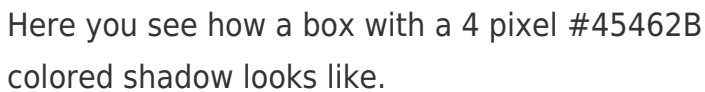
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#45462B }
```

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

```
.border{ border-color:#45462B }
```

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



Here you see how a box with a 4 pixel #45462B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #45462B; -webkit-box-shadow:4px 4px  
4px 4px #45462B; box-shadow:4px 4px 4px  
4px #45462B }
```

Background

The CSS property to change the background color of an element to Hex 45462B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#45462B }
```

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

```
.background{ background-color:#45462B }
```

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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