

Converting Colors

Hex(45342A)

Have a look what the booklet for
Hex(45342A) contains.

Hex(45342A)	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(45342A)

Conversions

Conversions Part 1

Format	Color
Hex	45342A
RGB	69, 52, 42
RGB Percent	27%, 20%, 16%
CMY	0.7294, 0.7961, 0.8353
CMYK	0.00, 0.25, 0.39, 0.73
HSL	22°, 24%, 22%
HSV	22°, 39%, 27%
XYZ	4.1002, 3.8884, 2.7249
YIQ	55.9430, 13.3420, 0.4940

Conversions

Conversions Part 2

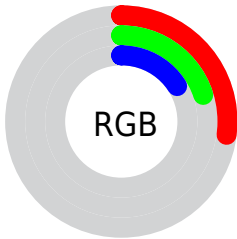
Format	Color
RYB	69, 58, 42
Decimal	4535338
CIELab	23.30, 5.97, 9.26
CIElCh	23, 11.012, 57.198
Yxy	3.8884, 0.3827, 0.3629
Android (android.graphics.Color)	4282725418 (0xFF45342A)
YUV	55.9430, -6.8739, 11.4510
Hunter-Lab	19.7189, 2.6074, 5.6101

Details

The Hex color **45342A** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **2A3B45**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **766257**, and **1A0700** is the 20% darker color. If you saturate the color by 10%, you get **453023**, and if you desaturate by 10%, it is **453831**.

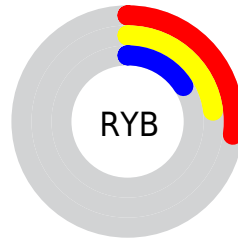
Distribution



Red (27%)

Green (20%)

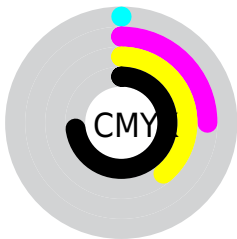
Blue (16%)



Red (27%)

Yellow (23%)

Blue (16%)

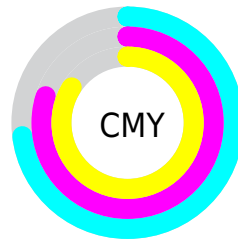


Cyan (0%)

Magenta (25%)

Yellow (39%)

Black (73%)



Cyan (73%)

Magenta (80%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 45342A 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 45342A by changing the saturation by 10% instead.



45342A



45342A

FFFFFF



2E1F16



766257



1A0700



907B70



000000



AB9589



C6B0A3



E2CBBE



FFE7DA



FFFFF7



45342A



45342A

■ 453023

■ 453831

■ 452B1C

■ 453D38

■ 452715

■ 45413F

■ 45230E

■ 454546

■ 451E08

■ 454A4D

■ 451A01

■ 454E53

■ 451A00

■ 45525A

■ 455761

■ 455B68

Harmonies

Analogous

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



483230



45342A



3E3727

Triad

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



45342A



243C36



383646

Complementary

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



45342A



2A3B45

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.



2C3948



45342A



203C3F

Square

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



45342A



2C3B2E



233B45



413341

Rectangle

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



45342A



393828



233B45



343747

Sweetspot

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



45342A



59534F



452A3B



2E2A27



ADADAD



2E2E2E

Same Dimension

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



45342A



593F2F



45412A



242120



632500



E35400

Inverse Universe

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



2A3B45



2F4A59



2A2E45



202224



003F63



008FE3

Previews

White Background



This preview shows how the Hex color 45342A looks on a white background.

Color Contrast Check

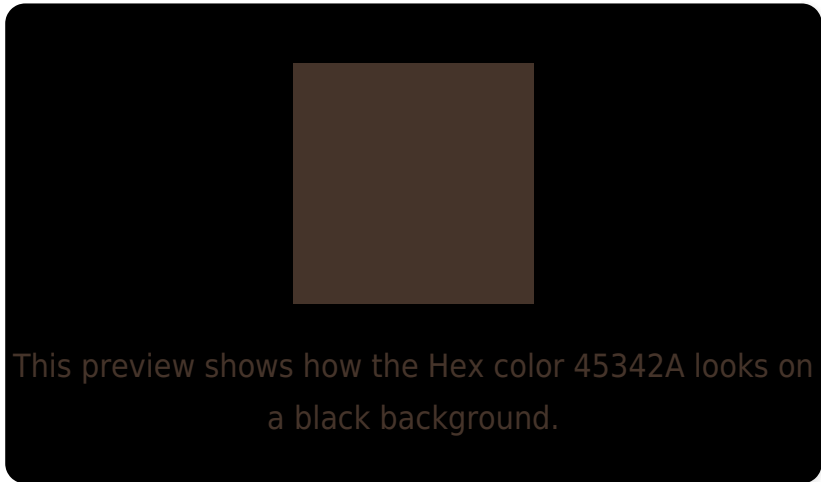
Large Text (above 18pt) WCAG AA ✓ Pass

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

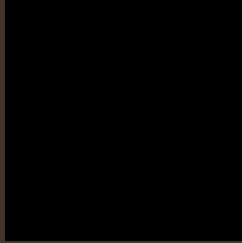
Any Text WCAG AA × Fail

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 45342A Background



This preview shows how black text looks on a background with the Hex color 45342A.

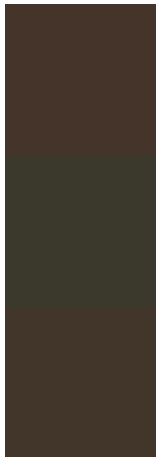


This preview shows how white text looks on a background with the Hex color 45342A.

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](#).

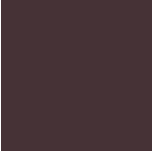
Dichromacy



Original Color
45342A

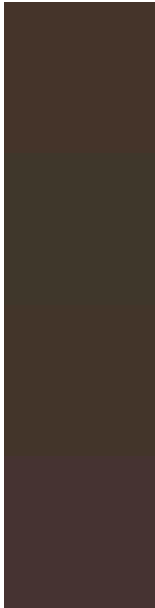
Protanopia
3B382C

Deuteranopia
42352A



Tritanopia
463236

Trichromacy



Original Color
45342A

Protanomaly
3F372B

Deuteranomaly
43352A

Tritanomaly
463332

Monochromacy



Original Color
45342A

Achromatopsia
383838

Achromatomaly
3D3733

CSS Examples

Text

The CSS property to change the color of the text to Hex 45342A 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 #45342A looks like.

```
.text, #text, p{  
    color:#45342A  
}
```

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 #45342A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #45342A
}
```

Border

The CSS property to change the border of an element to Hex 45342A is called "border". The border property can be set on classes, ids or directly on the HTML element.

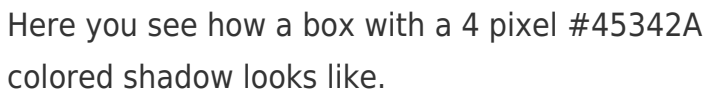
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#45342A }
```

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

```
.border{ border-color:#45342A }
```

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



Here you see how a box with a 4 pixel #45342A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #45342A; -webkit-box-shadow:4px 4px  
4px 4px #45342A; box-shadow:4px 4px 4px  
4px #45342A }
```

Background

The CSS property to change the background color of an element to Hex 45342A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#45342A }
```

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

```
.background{ background-color:#45342A }
```

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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