

Converting Colors

Hex(455F3A)

Have a look what the booklet for
Hex(455F3A) contains.

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Color

Hex(455F3A)

Conversions

Conversions Part 1

Format	Color
Hex	455F3A
RGB	69, 95, 58
RGB Percent	27%, 37%, 23%
CMY	0.7294, 0.6275, 0.7725
CMYK	0.27, 0.00, 0.39, 0.63
HSL	102°, 24%, 30%
HSV	102°, 39%, 37%
XYZ	7.3102, 9.7551, 5.5006
YIQ	83.0080, -3.6190, -17.0190

Conversions

Conversions Part 2

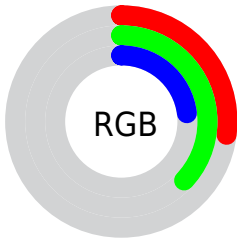
Format	Color
RYB	58, 95, 84
Decimal	4546362
CIELab	37.40, -17.54, 18.13
CIELCh	37, 25.225, 134.039
Yxy	9.7551, 0.3239, 0.4323
Android (android.graphics.Color)	4282736442 (0xFF455F3A)
YUV	83.0080, -12.3289, -12.2850
Hunter-Lab	31.2332, -12.8799, 11.4214

Details

The Hex color **455F3A** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **543A5F**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **76926A**, and **18310F** is the 20% darker color. If you saturate the color by 10%, you get **3E5F30**, and if you desaturate by 10%, it is **4C5F44**.

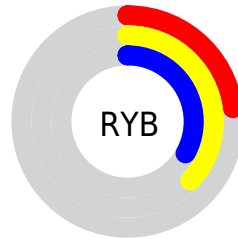
Distribution



Red (27%)

Green (37%)

Blue (23%)



Red (23%)

Yellow (37%)

Blue (33%)

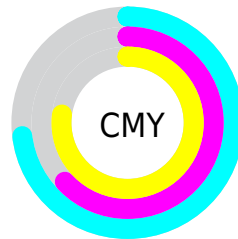


Cyan (27%)

Magenta (0%)

Yellow (39%)

Black (63%)



Cyan (73%)

Magenta (63%)

Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 455F3A 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 455F3A by changing the saturation by 10% instead.



455F3A



455F3A

FFFFFF



2E4724



76926A



18310F



90AC83



001D00



ABC89D



000000



C6E4B8



E2FFD4



FFFFF0



455F3A



455F3A



3E5F30



4C5F44

■ 385F27

■ 525F4D

■ 315F1D

■ 595F56

■ 2A5F14

■ 605F60

■ 245F0B

■ 665F6A

■ 1D5F01

■ 6D5F73

■ 1C5F00

■ 745F7C

■ 7A5F86

■ 815F90

Harmonies

Analogous

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



5C5A30



455F3A



2A624C

Triad

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



455F3A



245D7F



7F484F

Complementary

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



455F3A



543A5F

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.



794964



455F3A



4A577F

Square

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



455F3A



006174



664F75



7B4C3D

Rectangle

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



455F3A



12635A



664F75



7E4856

Sweetspot

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



455F3A



707A6C



5F543A



373D35



BDBDBD



3D3D3D

Same Dimension

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



455F3A



527A41



3A5F41



2D302C



217000



47F000

Inverse Universe

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



543A5F



69417A



5F3A58



2F2C30



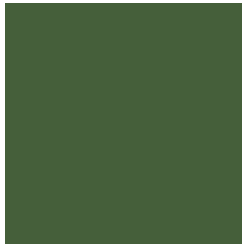
4F0070



A800F0

Previews

White Background



This preview shows how the Hex color 455F3A looks on a white background.

Color Contrast Check

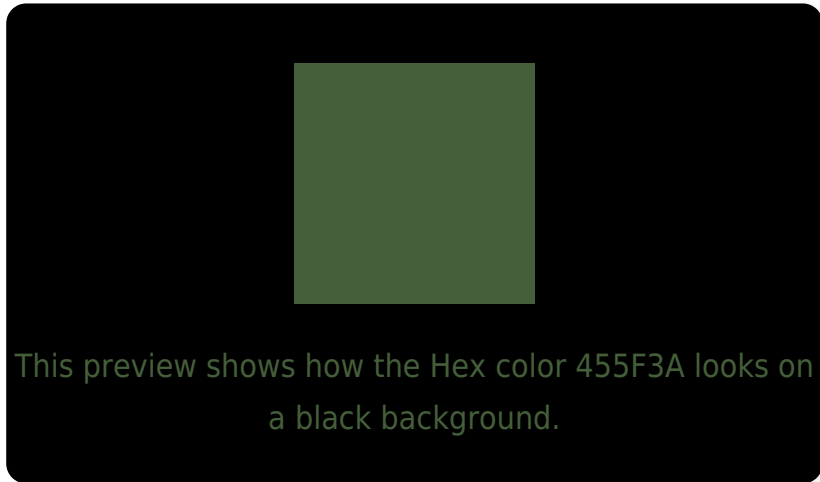
Large Text (above 18pt) WCAG AA ✓ Pass

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

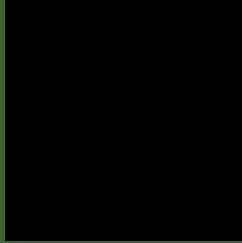
Any Text WCAG AA × Fail

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 455F3A Background



This preview shows how black text looks on a background with the Hex color 455F3A.



This preview shows how white text looks on a background with the Hex color 455F3A.

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](#).

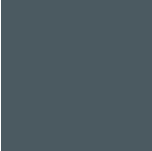
Dichromacy



Original Color
455F3A

Protanopia
605837

Deuteranopia
69543C



Tritanopia
4B5A61

Trichromacy



Original Color
455F3A

Protanomaly
565B38

Deuteranomaly
5C583B

Tritanomaly
495C53

Monochromacy



Original Color
455F3A

Achromatopsia
535353

Achromatomaly
4E574A

CSS Examples

Text

The CSS property to change the color of the text to Hex 455F3A 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 #455F3A looks like.

```
.text, #text, p{  
    color:#455F3A  
}
```

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 #455F3A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #455F3A
}
```

Border

The CSS property to change the border of an element to Hex 455F3A 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".

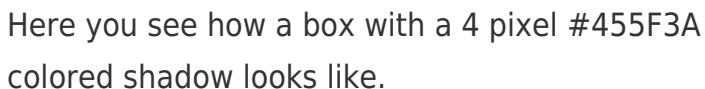
```
.border, #border, table{ border:4px solid
#455F3A }
```

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

```
.border{ border-color:#455F3A }
```

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

Here you see how a box with a 4 pixel #455F3A colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #455F3A; -webkit-box-shadow:4px 4px  
4px 4px #455F3A; box-shadow:4px 4px 4px  
4px #455F3A }
```

Background

The CSS property to change the background color of an element to Hex 455F3A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#455F3A }
```

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

```
.background{ background-color:#455F3A }
```

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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