

Converting Colors

Hex(455C41)

Have a look what the booklet for
Hex(455C41) contains.

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Color

Hex(455C41)

Conversions

Conversions Part 1

Format	Color
Hex	455C41
RGB	69, 92, 65
RGB Percent	27%, 36%, 25%
CMY	0.7294, 0.6392, 0.7451
CMYK	0.25, 0.00, 0.29, 0.64
HSL	111°, 17%, 31%
HSV	111°, 29%, 36%
XYZ	7.2355, 9.3012, 6.4150
YIQ	82.0450, -5.0410, -13.2730

Conversions

Conversions Part 2

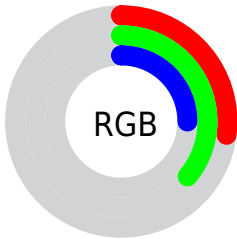
Format	Color
RYB	65, 92, 88
Decimal	4545601
CIELab	36.56, -14.63, 12.79
CIELCh	37, 19.438, 138.839
Yxy	9.3012, 0.3153, 0.4052
Android (android.graphics.Color)	4282735681 (0xFF455C41)
YUV	82.0450, -8.4032, -11.4405
Hunter-Lab	30.4978, -11.0225, 8.8773

Details

The Hex color **455C41** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **58415C**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **768E71**, and **192E16** is the 20% darker color. If you saturate the color by 10%, you get **3D5C38**, and if you desaturate by 10%, it is **4D5C4A**.

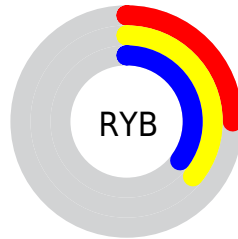
Distribution



Red (27%)

Green (36%)

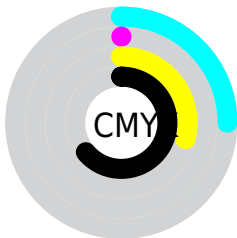
Blue (25%)



Red (25%)

Yellow (36%)

Blue (35%)

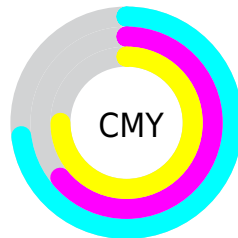


Cyan (25%)

Magenta (0%)

Yellow (29%)

Black (64%)



Cyan (73%)

Magenta (64%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 455C41 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 455C41 by changing the saturation by 10% instead.

 455C41

 455C41

FFFFFF

 2E442B

 768E71

 192E16

 90A98A

 001A00

 AAC4A5

 000000

 C6E0C0

 E2FDDC

 FEFFF8

 455C41

 455C41

 3D5C38

 4D5C4A

 355C2F

 555C53

 2D5C25

 5D5C5D

 265C1C

 645C66

 1E5C13

 6C5C6F

 165C0A

 745C78

 0E5C01

 7C5C81

 0E5C00

 845C8B

 8C5C94

Harmonies

Analogous

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



575838



455C41



335E4F

Triad

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



455C41



385974



754B4D

Complementary

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



455C41



58415C

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.



714B5D



455C41



505473

Square

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



455C41



255D6D



644F6B



714E3F

Rectangle

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



455C41



285F5A



644F6B



754A52

Sweetspot

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



455C41



6F786D



5C5841



373D36



BDBDBD



3D3D3D

Same Dimension

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



455C41



54784E



415C4A



2A2E29



106E00



23ED00

Inverse Universe

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



58415C



724E78



5C4153



2D292E



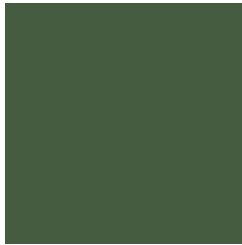
5D006E



CA00ED

Previews

White Background



This preview shows how the Hex color 455C41 looks on a white background.

Color Contrast Check

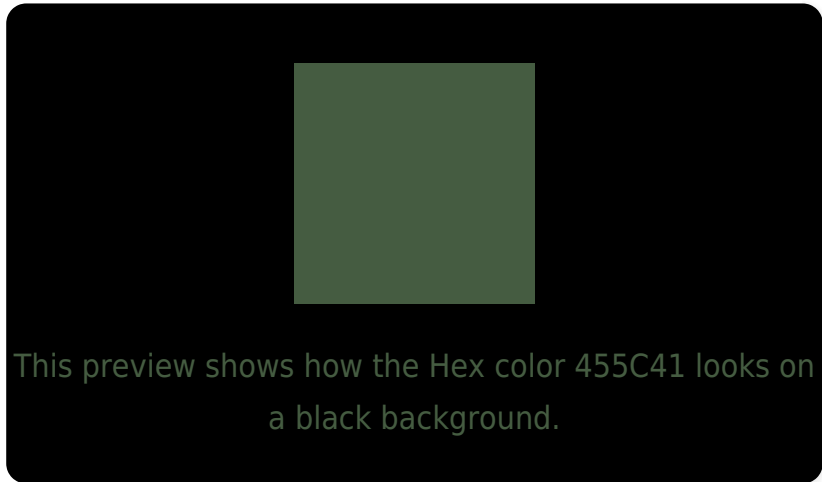
Large Text (above 18pt) WCAG AA ✓ Pass

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

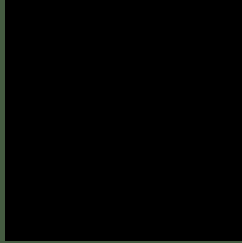
Any Text WCAG AA × Fail

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 455C41 Background



This preview shows how black text looks on a background with the Hex color 455C41.



This preview shows how white text looks on a background with the Hex color 455C41.

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](#).

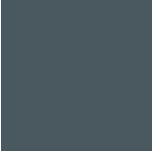
Dichromacy



Original Color
455C41

Protanopia
5C563E

Deuteranopia
645243



Tritanopia
4A585F

Trichromacy



Original Color
455C41

Protanomaly
54583F

Deuteranomaly
595642

Tritanomaly
485954

Monochromacy



Original Color
455C41

Achromatopsia
525252

Achromatomaly
4D564C

CSS Examples

Text

The CSS property to change the color of the text to Hex 455C41 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 #455C41 looks like.

```
.text, #text, p{  
    color:#455C41  
}
```

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 #455C41 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #455C41
}
```

Border

The CSS property to change the border of an element to Hex 455C41 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".

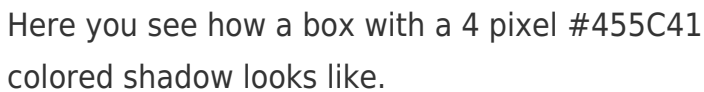
```
.border, #border, table{ border:4px solid
#455C41 }
```

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

```
.border{ border-color:#455C41 }
```

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

Here you see how a box with a 4 pixel #455C41 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #455C41; -webkit-box-shadow:4px 4px  
4px 4px #455C41; box-shadow:4px 4px 4px  
4px #455C41 }
```

Background

The CSS property to change the background color of an element to Hex 455C41 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#455C41 }
```

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

```
.background{ background-color:#455C41 }
```

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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