

Converting Colors

Hex(455B52)

Have a look what the booklet for
Hex(455B52) contains.

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Color

Hex(455B52)

Conversions

Conversions Part 1

Format	Color
Hex	455B52
RGB	69, 91, 82
RGB Percent	27%, 36%, 32%
CMY	0.7294, 0.6431, 0.6784
CMYK	0.24, 0.00, 0.10, 0.64
HSL	155°, 14%, 31%
HSV	155°, 24%, 36%
XYZ	7.7183, 9.3566, 9.3818
YIQ	83.3960, -10.2230, -7.4630

Conversions

Conversions Part 2

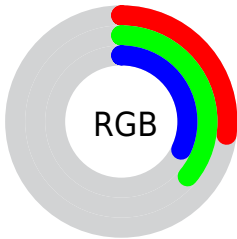
Format	Color
RYB	69, 83, 91
Decimal	4545362
CIELab	36.66, -10.47, 2.46
CIELCh	37, 10.756, 166.778
Yxy	9.3566, 0.2917, 0.3537
Android (android.graphics.Color)	4282735442 (0xFF455B52)
YUV	83.3960, -0.6882, -12.6253
Hunter-Lab	30.5885, -8.4895, 3.2271

Details

The Hex color **455B52** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5B454E**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **768D83**, and **192D25** is the 20% darker color. If you saturate the color by 10%, you get **3C5B4E**, and if you desaturate by 10%, it is **4E5B56**.

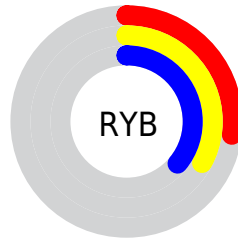
Distribution



Red (27%)

Green (36%)

Blue (32%)



Red (27%)

Yellow (33%)

Blue (36%)

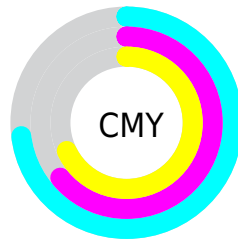


Cyan (24%)

Magenta (0%)

Yellow (10%)

Black (64%)



Cyan (73%)

Magenta (64%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 455B52 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 455B52 by changing the saturation by 10% instead.



455B52



455B52

FFFFFF



2E433B



768D83



192D25



8FA89D



001911



AAC3B8



000000



C5DFD4



E1FBF0

FEFFFF



455B52



455B52



3C5B4E



4E5B56

■ 335B4B

■ 575B59

■ 2A5B47

■ 605B5D

■ 215B43

■ 695B61

■ 175B3F

■ 735B65

■ 0E5B3C

■ 7C5B68

■ 055B38

■ 855B6C

■ 005B36

■ 8E5B70

■ 975B74

Harmonies

Analogous

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



4E5A4A



455B52



405B5B

Triad

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



455B52



535567



67524A

Complementary

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



455B52



5B454E

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.



685052



455B52



5E5362

Square

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



455B52



485867



65515A



615446

Rectangle

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



455B52



3F5B60



65515A



68514C

Sweetspot

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



455B52



6D7572



4E5B45



363B39



BABABA



3B3B3B

Same Dimension

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



455B52



537567



45595B



292E2C



006E41



00ED8C

Inverse Universe

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



5B454E



755361



5B4745



2E292B



6E002D



ED0061

Previews

White Background



This preview shows how the Hex color 455B52 looks on a white background.

Color Contrast Check

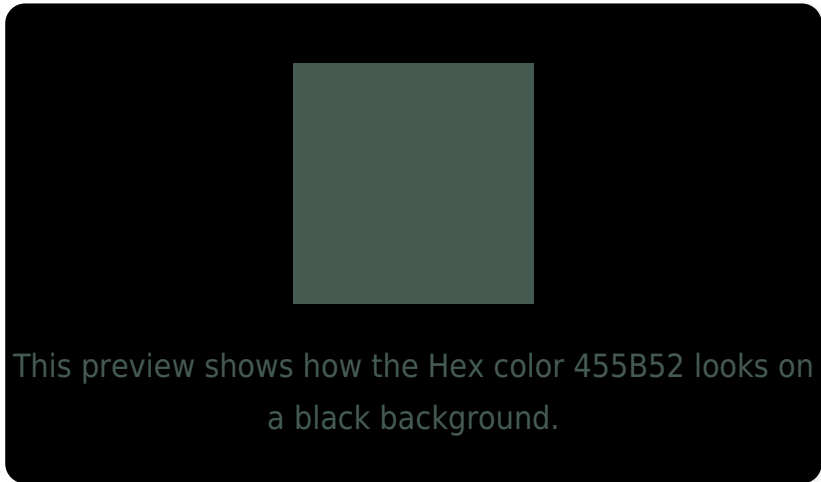
Large Text (above 18pt) WCAG AA ✓ Pass

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

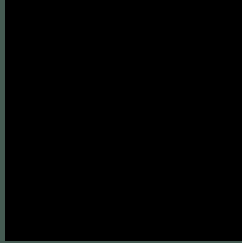
Any Text WCAG AA × Fail

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 455B52 Background



This preview shows how black text looks on a background with the Hex color 455B52.



This preview shows how white text looks on a background with the Hex color 455B52.

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](#).

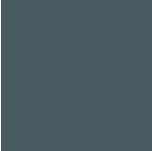
Dichromacy



Original Color
455B52

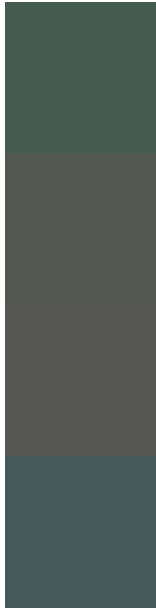
Protanopia
59564F

Deuteranopia
5F5354



Tritanopia
485960

Trichromacy



Original Color
455B52

Protanomaly
525850

Deuteranomaly
565653

Tritanomaly
475A5B

Monochromacy



Original Color
455B52

Achromatopsia
535353

Achromatomaly
4E5653

CSS Examples

Text

The CSS property to change the color of the text to Hex 455B52 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 #455B52 looks like.

```
.text, #text, p{  
    color:#455B52  
}
```

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 #455B52 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #455B52
}
```

Border

The CSS property to change the border of an element to Hex 455B52 is called "border". The border property can be set on classes, ids or directly on the HTML element.

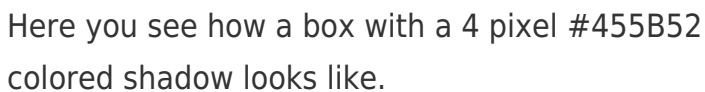
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#455B52 }
```

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

```
.border{ border-color:#455B52 }
```

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

A rectangular box with a dark blue shadow. The box is white with a thin black border. The shadow is a dark blue color, matching the #455B52 color mentioned in the text. The shadow is applied to the bottom and right sides of the box, creating a 3D effect.

Here you see how a box with a 4 pixel #455B52 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #455B52; -webkit-box-shadow:4px 4px  
4px 4px #455B52; box-shadow:4px 4px 4px  
4px #455B52 }
```

Background

The CSS property to change the background color of an element to Hex 455B52 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#455B52 }
```

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

```
.background{ background-color:#455B52 }
```

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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