

Converting Colors

Hex(455B5A)

Have a look what the booklet for
Hex(455B5A) contains.

Hex(455B5A)	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(455B5A)

Conversions

Conversions Part 1

Format	Color
Hex	455B5A
RGB	69, 91, 90
RGB Percent	27%, 36%, 35%
CMY	0.7294, 0.6431, 0.6471
CMYK	0.24, 0.00, 0.01, 0.64
HSL	177°, 14%, 31%
HSV	177°, 24%, 36%
XYZ	8.0408, 9.4856, 11.0800
YIQ	84.3080, -12.7910, -4.9750

Conversions

Conversions Part 2

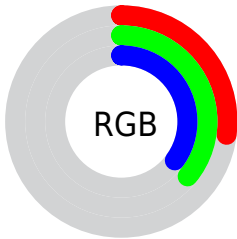
Format	Color
RYB	69, 80, 91
Decimal	4545370
CIELab	36.90, -8.54, -2.16
CIElCh	37, 8.805, 194.211
Yxy	9.4856, 0.2811, 0.3316
Android (android.graphics.Color)	4282735450 (0xFF455B5A)
YUV	84.3080, 2.8062, -13.4251
Hunter-Lab	30.7986, -7.2955, 0.2292

Details

The Hex color **455B5A** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5B4546**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **768D8C**, and **182D2D** is the 20% darker color. If you saturate the color by 10%, you get **3C5B5A**, and if you desaturate by 10%, it is **4E5B5A**.

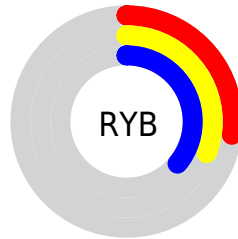
Distribution



Red (27%)

Green (36%)

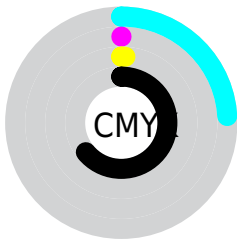
Blue (35%)



Red (27%)

Yellow (31%)

Blue (36%)

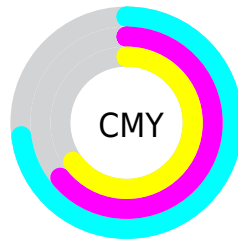


Cyan (24%)

Magenta (0%)

Yellow (1%)

Black (64%)



Cyan (73%)

Magenta (64%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 455B5A 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 455B5A by changing the saturation by 10% instead.



455B5A



455B5A

FFFFFF



2E4343



768D8C



182D2D



90A8A6



001918



AAC3C1



000000



C6DFDD



E2FBFA

FEFFFF



455B5A



455B5A



3C5B5A



4E5B5A

■ 335B59

■ 575B5B

■ 2A5B59

■ 605B5B

■ 215B58

■ 695B5C

■ 175B58

■ 735B5C

■ 0E5B58

■ 7C5B5C

■ 055B57

■ 855B5D

■ 005B57

■ 8E5B5D

■ 975B5E

Harmonies

Analogous

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



495B53



455B5A



455A60

Triad

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



455B5A



5C5461



605549

Complementary

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



455B5A



5B4546

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.



65534D



455B5A



63525B

Square

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



455B5A



535664



665254



595749

Rectangle

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



455B5A



495963



665254



62544A

Sweetspot

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



455B5A



6D7575



465B45



363B3A



BABABA



3B3B3B

Same Dimension

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



455B5A



537574



45515B



292E2E



006E69



00EDE2

Inverse Universe

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



5B4546



755355



5B4F45



2E292A



6E0005



ED000B

Previews

White Background



This preview shows how the Hex color 455B5A looks on a white background.

Color Contrast Check

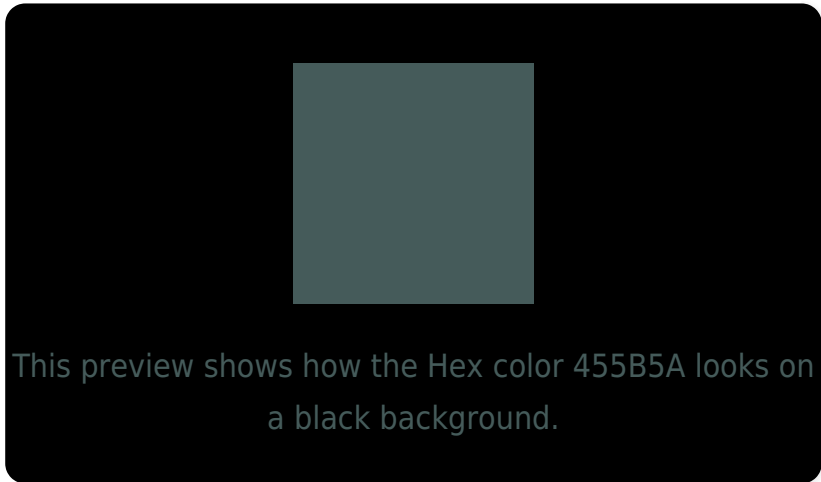
Large Text (above 18pt) WCAG AA ✓ Pass

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

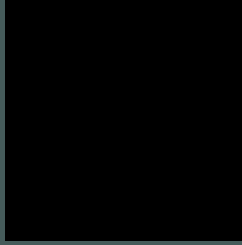
Any Text WCAG AA × Fail

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 455B5A Background



This preview shows how black text looks on a background with the Hex color 455B5A.



This preview shows how white text looks on a background with the Hex color 455B5A.

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](#).

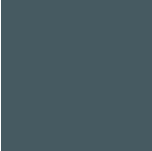
Dichromacy



Original Color
455B5A

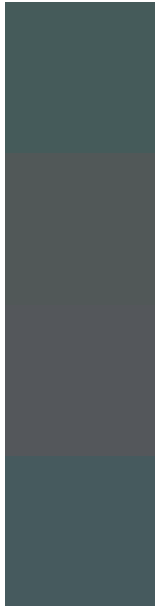
Protanopia
585657

Deuteranopia
5D545B



Tritanopia
465A61

Trichromacy



Original Color
455B5A

Protanomaly
51858

Deuteranomaly
54575B

Tritanomaly
465A5E

Monochromacy



Original Color
455B5A

Achromatopsia
545454

Achromatomaly
4F5756

CSS Examples

Text

The CSS property to change the color of the text to Hex 455B5A 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 #455B5A looks like.

```
.text, #text, p{  
    color:#455B5A  
}
```

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 #455B5A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #455B5A
}
```

Border

The CSS property to change the border of an element to Hex 455B5A 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
#455B5A }
```

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

```
.border{ border-color:#455B5A }
```

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

Here you see how a box with a 4 pixel #455B5A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #455B5A; -webkit-box-shadow:4px 4px  
4px 4px #455B5A; box-shadow:4px 4px 4px  
4px #455B5A }
```

Background

The CSS property to change the background color of an element to Hex 455B5A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#455B5A }
```

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

```
.background{ background-color:#455B5A }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor