

# Converting Colors

Hex(455C52)

Have a look what the booklet for  
Hex(455C52) contains.

<b>Hex(455C52)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(455C52)

# Conversions

## Conversions Part 1

Format	Color
Hex	455C52
RGB	69, 92, 82
RGB Percent	27%, 36%, 32%
CMY	0.7294, 0.6392, 0.6784
CMYK	0.25, 0.00, 0.11, 0.64
HSL	154°, 14%, 32%
HSV	154°, 25%, 36%
XYZ	7.8044, 9.5287, 9.4105
YIQ	83.9830, -10.4980, -7.9860

# Conversions

## Conversions Part 2

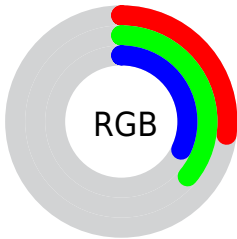
<b>Format</b>	<b>Color</b>
<b>RYB</b>	69, 84, 92
Decimal	4545618
CIELab	36.98, -11.05, 2.92
CIELCh	37, 11.433, 165.184
Yxy	9.5287, 0.2918, 0.3563
Android (android.graphics.Color)	4282735698 (0xFF455C52)
YUV	83.9830, -0.9776, -13.1401
Hunter-Lab	30.8686, -8.8906, 3.5330

# Details

The Hex color **455C52** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5C454F**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **768E83**, and **192E25** is the 20% darker color. If you saturate the color by 10%, you get **3C5C4E**, and if you desaturate by 10%, it is **4E5C56**.

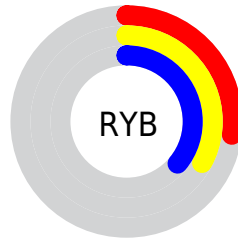
# Distribution



Red (27%)

Green (36%)

Blue (32%)



Red (27%)

Yellow (33%)

Blue (36%)

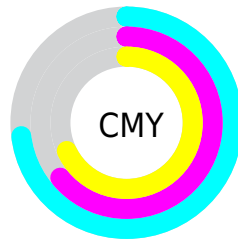


Cyan (25%)

Magenta (0%)

Yellow (11%)

Black (64%)



Cyan (73%)

Magenta (64%)

Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 455C52 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 455C52 by changing the saturation by 10% instead.



■ 455C52

■ 455C52

FFFFFF

■ 2E443B

■ 768E83

■ 192E25

■ 8FA99D

■ 001A11

■ AAC4B8

■ 000000

■ C5E0D4

■ E2FDF0

FEFFFF

■ 455C52

■ 455C52

■ 3C5C4E

■ 4E5C56

■ 335C4A

■ 575C5A

■ 295C46

■ 615C5E

■ 205C42

■ 6A5C62

■ 175C3E

■ 735C66

■ 0E5C3A

■ 7C5C6A

■ 055C36

■ 855C6E

■ 005C34

■ 8F5C72

■ 985C76

# Harmonies

## Analogous

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



4F5A4A



455C52



3F5C5B

# Triad

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



455C52



535669



69524A

# Complementary

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



455C52



5C454F

# 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.



6A5153



455C52



5E5364

# Square

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



455C52



475969



67515C



625545

# Rectangle

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



455C52



3E5C61



67515C



6A514D



# Sweetspot

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



455C52



6E7874



4F5C45



373D3B



BDBDBD



3D3D3D



# Same Dimension

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



455C52



547868



455B5C



292E2C



006E3E



00ED86



# Inverse Universe

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



5C454F



785464



5C4645



2E292B



6E0030



ED0067



# Previews

## White Background



This preview shows how the Hex color 455C52 looks on a white background.

## Color Contrast Check

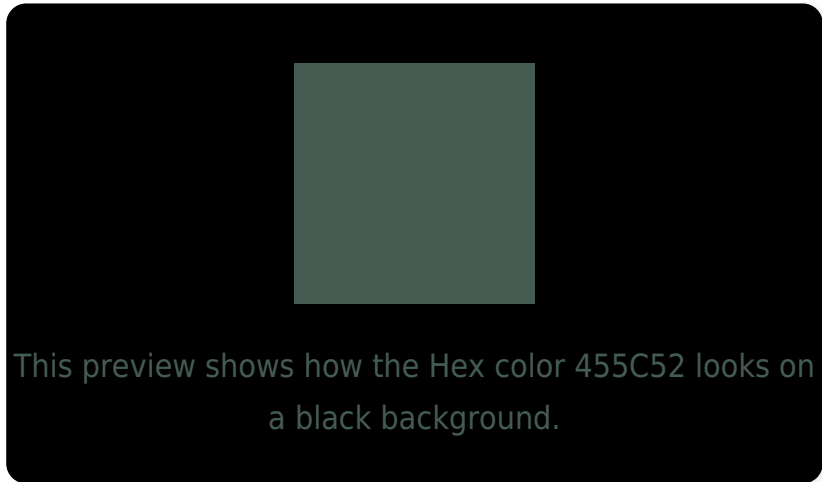
Large Text (above 18pt) WCAG AA ✓ Pass

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

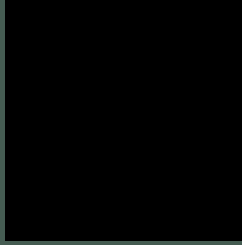
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 455C52 Background



This preview shows how black text looks on a background with the Hex color 455C52.



This preview shows how white text looks on a background with the Hex color 455C52.

# 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](#).

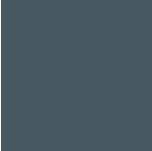
## Dichromacy



**Original Color**  
455C52

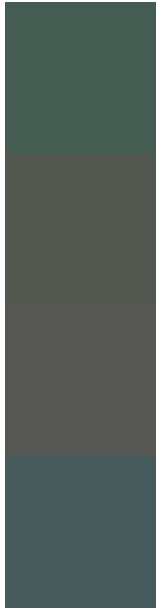
**Protanopia**  
5A564F

**Deuteranopia**  
605454



**Tritanopia**  
485A61

# Trichromacy



**Original Color**  
455C52

**Protanomaly**  
525850

**Deuteranomaly**  
565753

**Tritanomaly**  
475B5C

# Monochromacy



**Original Color**  
455C52

**Achromatopsia**  
545454

**Achromatomaly**  
4F5753

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 455C52 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 #455C52 looks like.

```
.text, #text, p{  
    color:#455C52  
}
```

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 #455C52 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #455C52
}
```

## Border

The CSS property to change the border of an element to Hex 455C52 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
#455C52 }
```

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

```
.border{ border-color:#455C52 }
```

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

Here you see how a box with a 4 pixel #455C52 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #455C52; -webkit-box-shadow:4px 4px  
4px 4px #455C52; box-shadow:4px 4px 4px  
4px #455C52 }
```

# Background

The CSS property to change the background color of an element to Hex 455C52 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#455C52 }
```

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

```
.background{ background-color:#455C52 }
```

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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