

Converting Colors

Hex(455C5B)

Have a look what the booklet for
Hex(455C5B) contains.

Hex(455C5B)	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(455C5B)

Conversions

Conversions Part 1

Format	Color
Hex	455C5B
RGB	69, 92, 91
RGB Percent	27%, 36%, 36%
CMY	0.7294, 0.6392, 0.6431
CMYK	0.25, 0.00, 0.01, 0.64
HSL	177°, 14%, 32%
HSV	177°, 25%, 36%
XYZ	8.1697, 9.6748, 11.3344
YIQ	85.0090, -13.3870, -5.1870

Conversions

Conversions Part 2

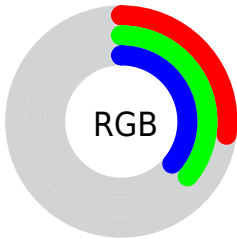
Format	Color
RYB	69, 81, 92
Decimal	4545627
CIELab	37.25, -8.87, -2.27
CIELCh	37, 9.160, 194.336
Yxy	9.6748, 0.2800, 0.3316
Android (android.graphics.Color)	4282735707 (0xFF455C5B)
YUV	85.0090, 2.9536, -14.0399
Hunter-Lab	31.1044, -7.5488, 0.1679

Details

The Hex color **455C5B** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5C4546**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **768E8D**, and **182E2D** is the 20% darker color. If you saturate the color by 10%, you get **3C5C5B**, and if you desaturate by 10%, it is **4E5C5B**.

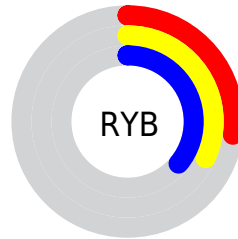
Distribution



Red (27%)

Green (36%)

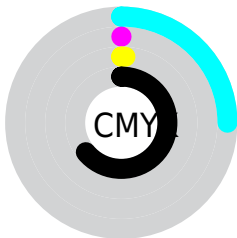
Blue (36%)



Red (27%)

Yellow (32%)

Blue (36%)

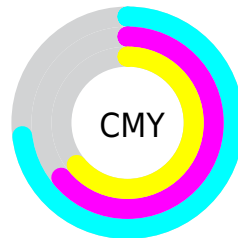


Cyan (25%)

Magenta (0%)

Yellow (1%)

Black (64%)



Cyan (73%)

Magenta (64%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 455C5B 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 455C5B by changing the saturation by 10% instead.



455C5B



455C5B

FFFFFF



2E4444



768E8D



182E2D



90A9A7



011A19



AAC4C3



000000



C6E0DF



E2FDFB



455C5B



455C5B



3C5C5B



4E5C5B



335C5A



575C5C

■ 295C5A

■ 615C5C

■ 205C59

■ 6A5C5D

■ 175C59

■ 735C5D

■ 0E5C59

■ 7C5C5D

■ 055C58

■ 855C5E

■ 005C58

■ 8F5C5E

■ 985C5F

Harmonies

Analogous

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



4A5C53



455C5B



455B62

Triad

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



455C5B



5D5562



61564A

Complementary

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



455C5B



5C4546

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.



66544E



455C5B



64535C

Square

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



455C5B



545766



675354



5A5849

Rectangle

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



455C5B



495A65



675354



63554B

Sweetspot

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



455C5B



6E7877



465C45



373D3D



BDBDBD



3D3D3D

Same Dimension

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



455C5B



547876



45525C



292E2E



006E69



00EDE3

Inverse Universe

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



5C4546



785455



5C4F45



2E292A



6E0005



ED000A

Previews

White Background



This preview shows how the Hex color 455C5B looks on a white background.

Color Contrast Check

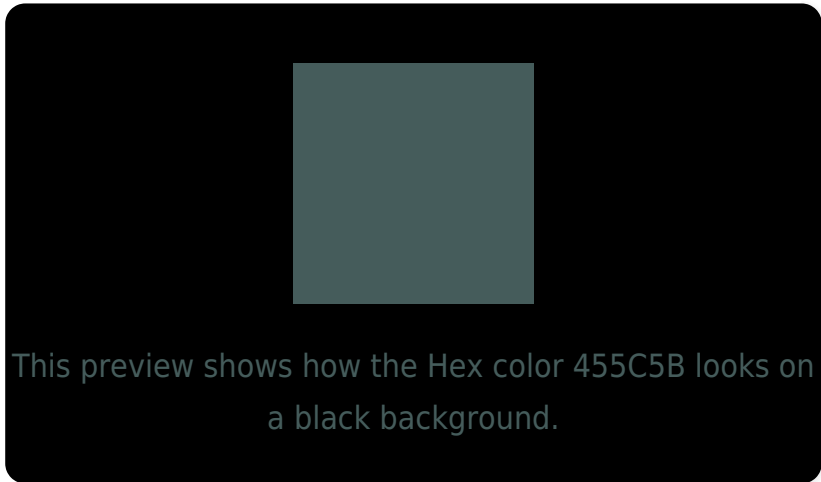
Large Text (above 18pt) WCAG AA ✓ Pass

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

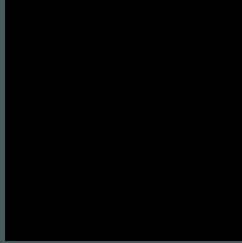
Any Text WCAG AA × Fail

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 455C5B Background



This preview shows how black text looks on a background with the Hex color 455C5B.



This preview shows how white text looks on a background with the Hex color 455C5B.

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](#).

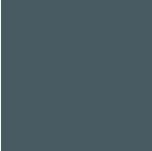
Dichromacy



Original Color
455C5B

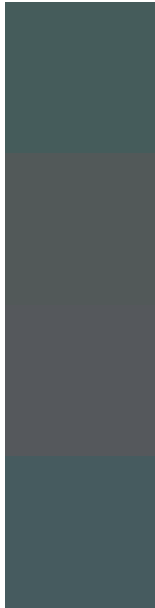
Protanopia
595758

Deuteranopia
5E555C



Tritanopia
475B62

Trichromacy



Original Color
455C5B

Protanomaly
525959

Deuteranomaly
55585C

Tritanomaly
465B5F

Monochromacy



Original Color
455C5B

Achromatopsia
555555

Achromatomaly
4F5857

CSS Examples

Text

The CSS property to change the color of the text to Hex 455C5B 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 #455C5B looks like.

```
.text, #text, p{  
    color:#455C5B  
}
```

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 #455C5B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #455C5B
}
```

Border

The CSS property to change the border of an element to Hex 455C5B 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
#455C5B }
```

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

```
.border{ border-color:#455C5B }
```

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

Here you see how a box with a 4 pixel #455C5B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #455C5B; -webkit-box-shadow:4px 4px  
4px 4px #455C5B; box-shadow:4px 4px 4px  
4px #455C5B }
```

Background

The CSS property to change the background color of an element to Hex 455C5B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#455C5B }
```

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

```
.background{ background-color:#455C5B }
```

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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