

Converting Colors

Hex(455639)

Have a look what the booklet for
Hex(455639) contains.

Hex(455639)	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(455639)

Conversions

Conversions Part 1

Format	Color
Hex	455639
RGB	69, 86, 57
RGB Percent	27%, 34%, 22%
CMY	0.7294, 0.6627, 0.7765
CMYK	0.20, 0.00, 0.34, 0.66
HSL	95°, 20%, 28%
HSV	95°, 34%, 34%
XYZ	6.5206, 8.2162, 5.1131
YIQ	77.6110, -0.8230, -12.6230

Conversions

Conversions Part 2

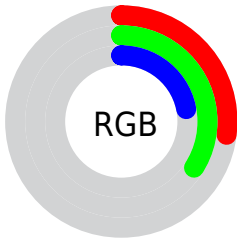
Format	Color
RYB	57, 86, 74
Decimal	4544057
CIELab	34.43, -12.68, 14.79
CIElCh	34, 19.484, 130.611
Yxy	8.2162, 0.3285, 0.4139
Android (android.graphics.Color)	4282734137 (0xFF455639)
YUV	77.6110, -10.1612, -7.5518
Hunter-Lab	28.6639, -9.5561, 9.4885

Details

The Hex color **455639** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **4A3956**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **768868**, and **19290E** is the 20% darker color. If you saturate the color by 10%, you get **405630**, and if you desaturate by 10%, it is **4A5642**.

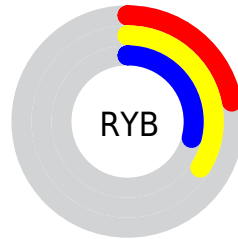
Distribution



Red (27%)

Green (34%)

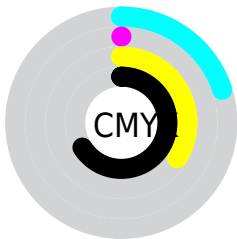
Blue (22%)



Red (22%)

Yellow (34%)

Blue (29%)

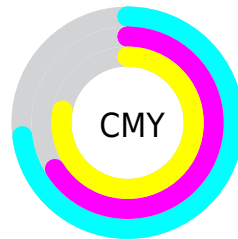


Cyan (20%)

Magenta (0%)

Yellow (34%)

Black (66%)



Cyan (73%)

Magenta (66%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 455639 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 455639 by changing the saturation by 10% instead.



455639



455639

FFFFFF



2E3F23



768868



19290E



8FA281



001500



AABD9C



000000



C5D9B6



E2F5D2



FEFFEE



455639



455639



405630



4A5642

■ 3B5628

■ 4F564A

■ 36561F

■ 545653

■ 315617

■ 59565B

■ 2C560E

■ 5E5664

■ 275605

■ 63566D

■ 245600

■ 685675

■ 6D567E

■ 725686

Harmonies

Analogous

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



565232



455639



325946

Triad

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



455639



2C556E



6F454C

Complementary

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



455639



4A3956

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.



69475C



455639



44516F

Square

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



455639



1C5865



5A4B69



6D483E

Rectangle

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



455639



265951



5A4B69



6E4551

Sweetspot

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



455639



6A7065



564A39



343831



B8B8B8



383838

Same Dimension

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



455639



567043



39563B



292B27



2C6B00



61EB00

Inverse Universe

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



4A3956



5E4370



563954



2A272B



3F006B



8A00EB

Previews

White Background



This preview shows how the Hex color 455639 looks on a white background.

Color Contrast Check

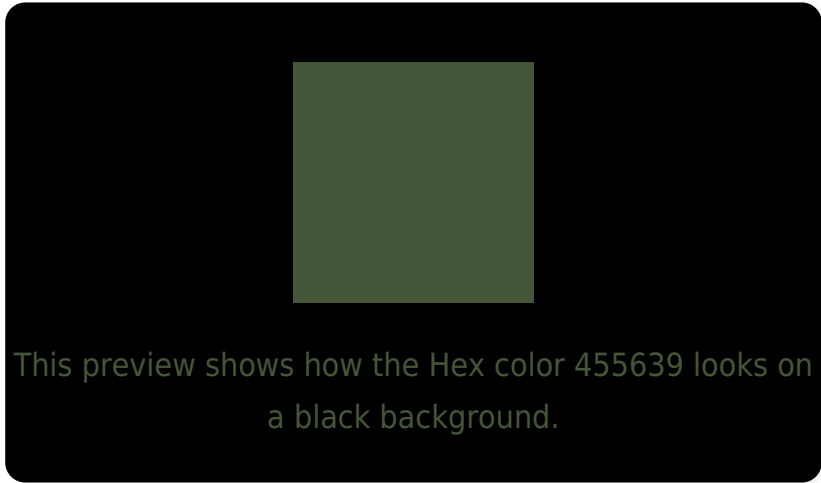
Large Text (above 18pt) WCAG AA ✓ Pass

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

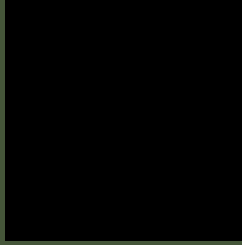
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

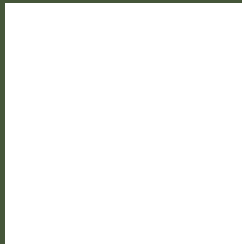
Any Text WCAG AAA × Fail

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

Hex 455639 Background



This preview shows how black text looks on a background with the Hex color 455639.



This preview shows how white text looks on a background with the Hex color 455639.

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
455639

Protanopia
575137

Deuteranopia
604D3B



Tritanopia
4A5259

Trichromacy



Original Color
455639

Protanomaly
505338

Deuteranomaly
56503A

Tritanomaly
48534D

Monochromacy



Original Color
455639

Achromatopsia
4E4E4E

Achromatomaly
4B5146

CSS Examples

Text

The CSS property to change the color of the text to Hex 455639 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 #455639 looks like.

```
.text, #text, p{  
    color:#455639  
}
```

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 #455639 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #455639
}
```

Border

The CSS property to change the border of an element to Hex 455639 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".

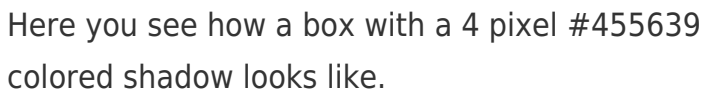
```
.border, #border, table{ border:4px solid
#455639 }
```

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

```
.border{ border-color:#455639 }
```

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

Here you see how a box with a 4 pixel #455639 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #455639; -webkit-box-shadow:4px 4px  
4px 4px #455639; box-shadow:4px 4px 4px  
4px #455639 }
```

Background

The CSS property to change the background color of an element to Hex 455639 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#455639 }
```

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

```
.background{ background-color:#455639 }
```

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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