

Converting Colors

Hex(454459)

Have a look what the booklet for
Hex(454459) contains.

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Color

Hex(454459)

Conversions

Conversions Part 1

Format	Color
Hex	454459
RGB	69, 68, 89
RGB Percent	27%, 27%, 35%
CMY	0.7294, 0.7333, 0.6510
CMYK	0.22, 0.24, 0.00, 0.65
HSL	243°, 13%, 31%
HSV	243°, 24%, 35%
XYZ	6.3245, 6.1207, 10.2993
YIQ	70.6930, -6.1450, 6.7430

Conversions

Conversions Part 2

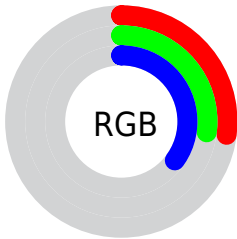
Format	Color
RYB	69, 68, 89
Decimal	4539481
CIELab	29.72, 5.57, -12.31
CIELCh	30, 13.507, 294.332
Yxy	6.1207, 0.2781, 0.2691
Android (android.graphics.Color)	4282729561 (0xFF454459)
YUV	70.6930, 9.0254, -1.4848
Hunter-Lab	24.7401, 2.3364, -7.3643

Details

The Hex color **454459** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **585944**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **76748B**, and **19192B** is the 20% darker color. If you saturate the color by 10%, you get **3D3B59**, and if you desaturate by 10%, it is **4D4D59**.

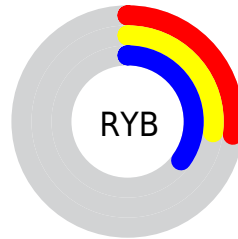
Distribution



Red (27%)

Green (27%)

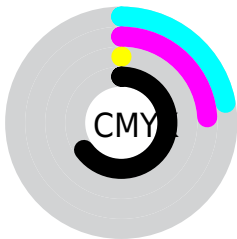
Blue (35%)



Red (27%)

Yellow (27%)

Blue (35%)

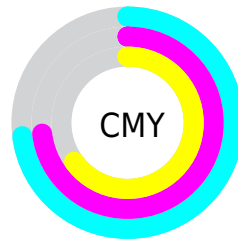


Cyan (22%)

Magenta (24%)

Yellow (0%)

Black (65%)



Cyan (73%)

Magenta (73%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 454459 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 454459 by changing the saturation by 10% instead.

■ 454459

■ 454459

FFFFFF

■ 2E2E42

■ 76748B

■ 19192B

■ 8F8EA5

■ 000017

■ AAA8C1

■ 000000

■ C5C3DC

■ E1DFF9

■ FEFCFF

■ 454459

■ 454459

■ 3D3B59

■ 4D4D59

■ 343259

■ 565659

■ 2C2959

■ 5E5F59

■ 232059

■ 676859

■ 1B1859

■ 6F7159

■ 120F59

■ 787959

■ 0A0659

■ 808259

■ 040059

■ 898B59

■ 919459

Harmonies

Analogous

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



36485B



454459



524152

Triad

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



454459



584135



2E4C44

Complementary

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



454459



585944

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.



394A39



454459



504531

Square

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



454459



5B3F3E



454833



274C4E

Rectangle

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



454459



573F4C



454833



314B40

Sweetspot

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



454459



6B6B73



445859



36363B



BABABA



3B3B3B

Same Dimension

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



454459



545373



4F4459



27272B



05006B



0B00EB

Inverse Universe

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



594458



735371



4E5944



2B272B



6B0066



EB00DF

Previews

White Background



This preview shows how the Hex color 454459 looks on a white background.

Color Contrast Check

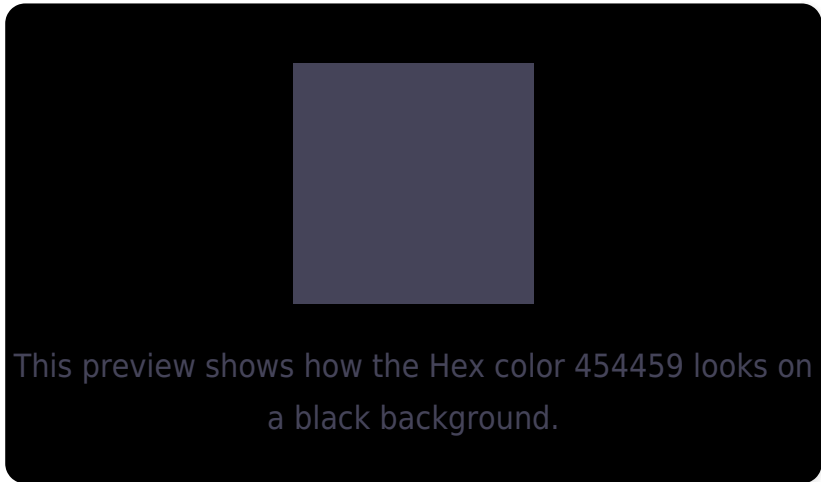
Large Text (above 18pt) WCAG AA ✓ Pass

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

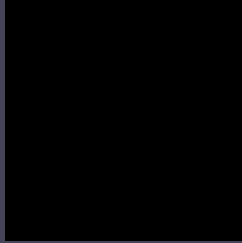
Any Text WCAG AA × Fail

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 454459 Background



This preview shows how black text looks on a background with the Hex color 454459.

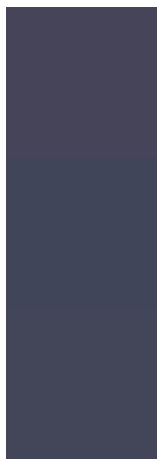


This preview shows how white text looks on a background with the Hex color 454459.

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

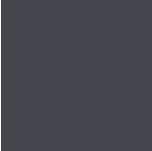
454459

Protanopia

41455A

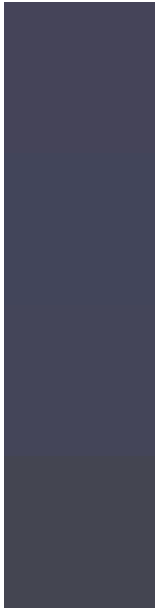
Deuteranopia

434559



Tritanopia
43464C

Trichromacy



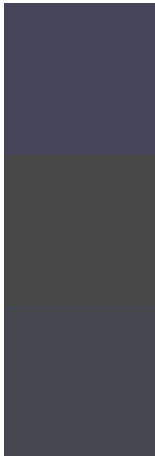
Original Color
454459

Protanomaly
42455A

Deuteranomaly
444559

Tritanomaly
444551

Monochromacy



Original Color
454459

Achromatopsia
474747

Achromatomaly
46464E

CSS Examples

Text

The CSS property to change the color of the text to Hex 454459 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 #454459 looks like.

```
.text, #text, p{  
    color:#454459  
}
```

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 #454459 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #454459
}
```

Border

The CSS property to change the border of an element to Hex 454459 is called "border". The border property can be set on classes, ids or directly on the HTML element.

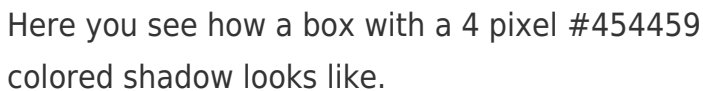
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#454459 }
```

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

```
.border{ border-color:#454459 }
```

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



Here you see how a box with a 4 pixel #454459 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #454459; -webkit-box-shadow:4px 4px  
4px 4px #454459; box-shadow:4px 4px 4px  
4px #454459 }
```

Background

The CSS property to change the background color of an element to Hex 454459 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#454459 }
```

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

```
.background{ background-color:#454459 }
```

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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