

Converting Colors

Hex(49455F)

Have a look what the booklet for
Hex(49455F) contains.

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Color

Hex(49455F)

Conversions

Conversions Part 1

Format	Color
Hex	49455F
RGB	73, 69, 95
RGB Percent	29%, 27%, 37%
CMY	0.7137, 0.7294, 0.6275
CMYK	0.23, 0.27, 0.00, 0.63
HSL	249°, 16%, 32%
HSV	249°, 27%, 37%
XYZ	6.9413, 6.4989, 11.7150
YIQ	73.1600, -5.9620, 8.9340

Conversions

Conversions Part 2

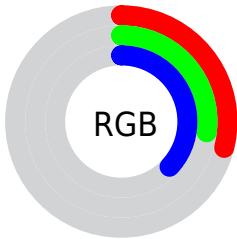
Format	Color
R_{YB}	73, 69, 95
Decimal	4801887
CIE Lab	30.64, 7.97, -14.71
CIE LCh	31, 16.734, 298.445
Yxy	6.4989, 0.2759, 0.2584
Android (android.graphics.Color)	4282991967 (0xFF49455F)
YUV	73.1600, 10.7671, -0.1403
Hunter-Lab	25.4930, 3.9899, -9.4010

Details

The Hex color **49455F** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **5B5F45**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **7A7592**, and **1C1A31** is the 20% darker color. If you saturate the color by 10%, you get **413B5F**, and if you desaturate by 10%, it is **514E5F**.

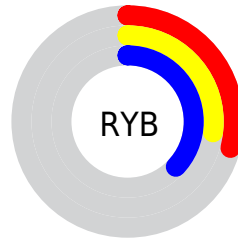
Distribution



Red (29%)

Green (27%)

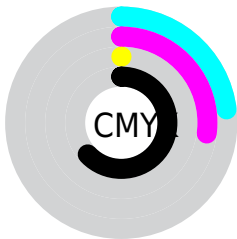
Blue (37%)



Red (29%)

Yellow (27%)

Blue (37%)

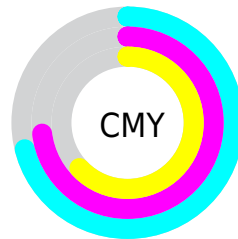


Cyan (23%)

Magenta (27%)

Yellow (0%)

Black (63%)



Cyan (71%)

Magenta (73%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 49455F 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 49455F by changing the saturation by 10% instead.

■ 49455F

■ 49455F

FFFFFF

■ 322F47

■ 7A7592

■ 1C1A31

■ 948FAC

■ 06001C

■ AFA9C7

■ 000000

■ CAC4E4

■ E6E0FF

■ FFFDFF

■ 49455F

■ 49455F

■ 413B5F

■ 514E5F

■ 39325F

■ 59585F

■ 31285F

■ 61625F

■ 291F5F

■ 696B5F

■ 21155F

■ 71755F

■ 190C5F

■ 797E5F

■ 11025F

■ 81875F

■ 0F005F

■ 89915F

■ 919B5F

Harmonies

Analogous

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



364A62



49455F



584156

Triad

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



49455F



5C4332



264F47

Complementary

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



49455F



5B5F45

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.



354E3A



49455F



52472E

Square

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



49455F



623F3C



444B31



1D4F54

Rectangle

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



49455F



5F3F4E



444B31



2B4F42

Sweetspot

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



49455F



72717A



455B5F



38373D



BDBDBD



3D3D3D

Same Dimension

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



49455F



58527A



56455F



2C2C30



110070



2500F0

Inverse Universe

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



5F455B



7A5274



4E5F45



302C30



70005F



F000CB

Previews

White Background



This preview shows how the Hex color 49455F looks on a white background.

Color Contrast Check

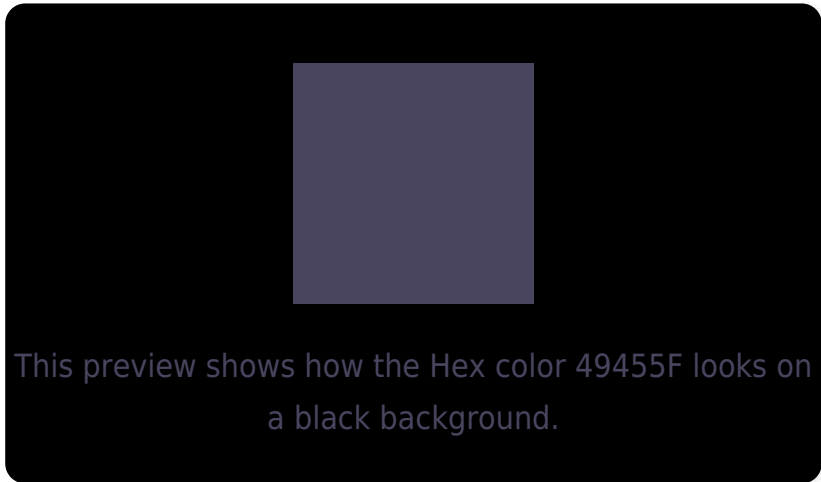
Large Text (above 18pt) WCAG AA ✓ Pass

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

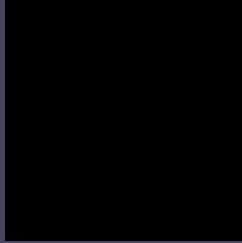
Any Text WCAG AA × Fail

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 49455F Background



This preview shows how black text looks on a background with the Hex color 49455F.



This preview shows how white text looks on a background with the Hex color 49455F.

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
49455F

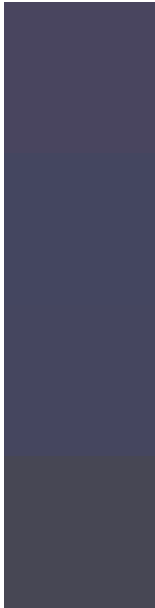
Protanopia
414761

Deuteranopia
43475F



Tritanopia
46484E

Trichromacy



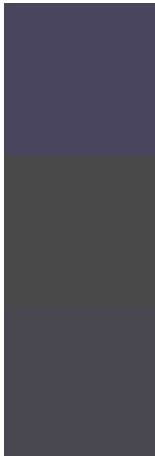
Original Color
49455F

Protanomaly
444660

Deuteranomaly
45465F

Tritanomaly
474754

Monochromacy



Original Color
49455F

Achromatopsia
494949

Achromatomaly
494851

CSS Examples

Text

The CSS property to change the color of the text to Hex 49455F 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 #49455F looks like.

```
.text, #text, p{  
    color:#49455F  
}
```

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 #49455F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #49455F
}
```

Border

The CSS property to change the border of an element to Hex 49455F is called "border". The border property can be set on classes, ids or directly on the HTML element.

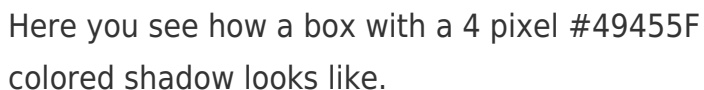
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#49455F }
```

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

```
.border{ border-color:#49455F }
```

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



Here you see how a box with a 4 pixel #49455F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #49455F; -webkit-box-shadow:4px 4px  
4px 4px #49455F; box-shadow:4px 4px 4px  
4px #49455F }
```

Background

The CSS property to change the background color of an element to Hex 49455F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#49455F }
```

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

```
.background{ background-color:#49455F }
```

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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