

Converting Colors

Hex(4A405D)

Have a look what the booklet for
Hex(4A405D) contains.

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Color

Hex(4A405D)

Conversions

Conversions Part 1

Format	Color
Hex	4A405D
RGB	74, 64, 93
RGB Percent	29%, 25%, 36%
CMY	0.7098, 0.7490, 0.6353
CMYK	0.20, 0.31, 0.00, 0.64
HSL	261°, 18%, 31%
HSV	261°, 31%, 36%
XYZ	6.6332, 5.9130, 11.1476
YIQ	70.2960, -3.3490, 11.1390

Conversions

Conversions Part 2

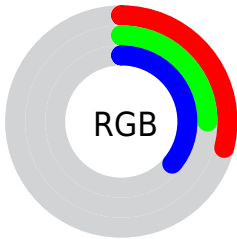
Format	Color
R _Y B	74, 64, 93
Decimal	4866141
CIE Lab	29.19, 11.06, -15.65
CIE LCh	29, 19.163, 305.267
Yxy	5.9130, 0.2800, 0.2496
Android (android.graphics.Color)	4283056221 (0xFF4A405D)
YUV	70.2960, 11.1931, 3.2484
Hunter-Lab	24.3166, 6.1383, -10.1592

Details

The Hex color **4A405D** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **535D40**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **7B708F**, and **1D152F** is the 20% darker color. If you saturate the color by 10%, you get **44375D**, and if you desaturate by 10%, it is **50495D**.

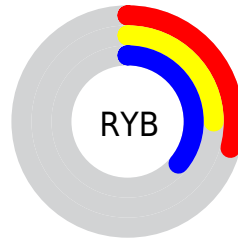
Distribution



Red (29%)

Green (25%)

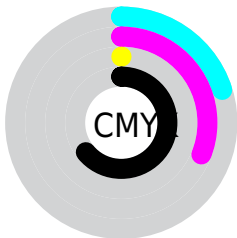
Blue (36%)



Red (29%)

Yellow (25%)

Blue (36%)

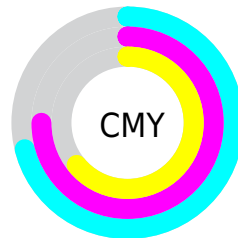


Cyan (20%)

Magenta (31%)

Yellow (0%)

Black (64%)



Cyan (71%)

Magenta (75%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4A405D 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 4A405D by changing the saturation by 10% instead.

■ 4A405D

■ 4A405D

FFFFFF

■ 332A45

■ 7B708F

■ 1D152F

■ 9589AA

■ 03001A

■ B0A3C5

■ 000000

■ CBBFE1

■ E8DAFE

■ FFF7FF

■ 4A405D

■ 4A405D

■ 44375D

■ 50495D

■ 3E2D5D

■ 56535D

■ 38245D

■ 5C5C5D

■ 321B5D

■ 62655D

■ 2C115D

■ 686F5D

■ 25085D

■ 6F785D

■ 20005D

■ 75815D

■ 7B8A5D

■ 81945D

Harmonies

Analogous

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



344562



4A405D



5A3B51

Triad

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



4A405D



59402A



174D47

Complementary

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



4A405D



535D40

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.



2A4C38



4A405D



4C4527

Square

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



4A405D



613B34



3C492C



0A4C55

Rectangle

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



4A405D



603A48



3C492C



1D4D42

Sweetspot

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



4A405D



716D78



40535D



39363D



BDBDBD



3D3D3D

Same Dimension

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



4A405D



5B4C78



58405D



2B292E



26006E



5200ED

Inverse Universe

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



5D4053



784C69



455D40



2E292C



6E0048



ED009B

Previews

White Background



This preview shows how the Hex color 4A405D looks on a white background.

Color Contrast Check

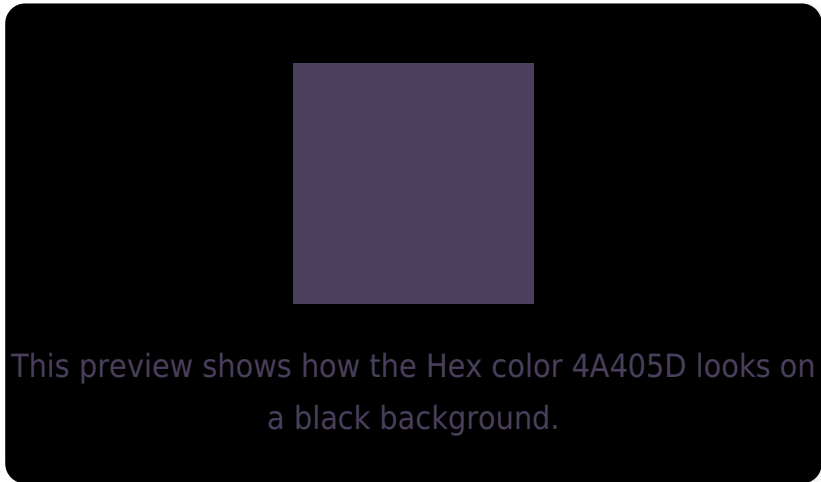
Large Text (above 18pt) WCAG AA ✓ Pass

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

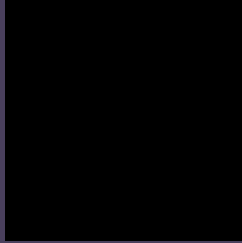
Any Text WCAG AA × Fail

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 4A405D Background



This preview shows how black text looks on a background with the Hex color 4A405D.

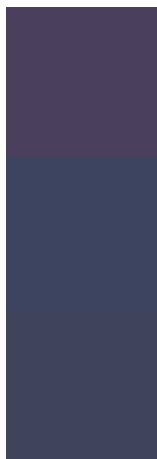


This preview shows how white text looks on a background with the Hex color 4A405D.

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
4A405D

Protanopia
3C4460

Deuteranopia
3F445C



Tritanopia
474449

Trichromacy



Original Color

4A405D

Protanomaly

41435F

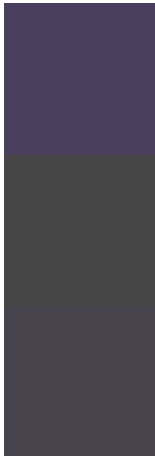
Deuteranomaly

43435C

Tritanomaly

484350

Monochromacy



Original Color

4A405D

Achromatopsia

464646

Achromatomaly

47444E

CSS Examples

Text

The CSS property to change the color of the text to Hex 4A405D 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 #4A405D looks like.

```
.text, #text, p{  
    color:#4A405D  
}
```

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 #4A405D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A405D
}
```

Border

The CSS property to change the border of an element to Hex 4A405D 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
#4A405D }
```

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

```
.border{ border-color:#4A405D }
```

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

Here you see how a box with a 4 pixel #4A405D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A405D; -webkit-box-shadow:4px 4px  
4px 4px #4A405D; box-shadow:4px 4px 4px  
4px #4A405D }
```

Background

The CSS property to change the background color of an element to Hex 4A405D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A405D }
```

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

```
.background{ background-color:#4A405D }
```

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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