

Converting Colors

Hex(44405D)

Have a look what the booklet for
Hex(44405D) contains.

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Color

Hex(44405D)

Conversions

Conversions Part 1

Format	Color
Hex	44405D
RGB	68, 64, 93
RGB Percent	27%, 25%, 36%
CMY	0.7333, 0.7490, 0.6353
CMYK	0.27, 0.31, 0.00, 0.64
HSL	248°, 18%, 31%
HSV	248°, 31%, 36%
XYZ	6.1931, 5.6860, 11.1270
YIQ	68.5020, -6.9250, 9.8670

Conversions

Conversions Part 2

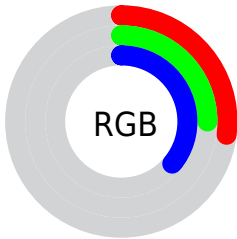
Format	Color
RYB	68, 64, 93
Decimal	4472925
CIELab	28.61, 8.93, -16.60
CIELCh	29, 18.848, 298.284
Yxy	5.6860, 0.2692, 0.2472
Android (android.graphics.Color)	4282663005 (0xFF44405D)
YUV	68.5020, 12.0775, -0.4403
Hunter-Lab	23.8454, 4.6300, -10.9748

Details

The Hex color **44405D** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **595D40**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **75708F**, and **17162F** is the 20% darker color. If you saturate the color by 10%, you get **3C375D**, and if you desaturate by 10%, it is **4C495D**.

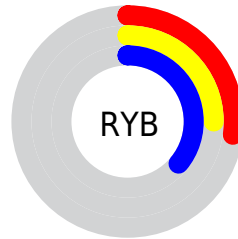
Distribution



Red (27%)

Green (25%)

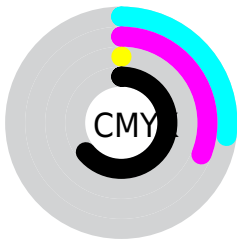
Blue (36%)



Red (27%)

Yellow (25%)

Blue (36%)

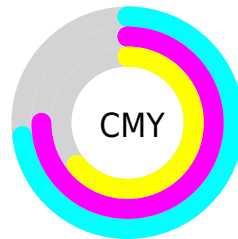


Cyan (27%)

Magenta (31%)

Yellow (0%)

Black (64%)



Cyan (73%)

Magenta (75%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 44405D 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 44405D by changing the saturation by 10% instead.

■ 44405D

■ 44405D

FFFFFF

■ 2D2A45

■ 75708F

■ 17162F

■ 8F89AA

■ 00001A

■ A9A3C5

■ 000000

■ C5BEE1

■ E1DAFE

■ FDF7FF

■ 44405D

■ 44405D

■ 3C375D

■ 4C495D

■ 342D5D

■ 54535D

■ 2C245D

■ 5C5C5D

■ 241B5D

■ 64655D

■ 1C115D

■ 6C6F5D

■ 14085D

■ 74785D

■ 0D005D

■ 7C815D

■ 848A5D

■ 8C945D

Harmonies

Analogous

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



2D4560



44405D



553B53

Triad

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



44405D



593D2B



1B4B42

Complementary

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



44405D



595D40

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.



2E4A34



44405D



4E4226

Square

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



44405D



603936



3F4729



0B4B51

Rectangle

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



44405D



5C394A



3F4729



214B3D

Sweetspot

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



44405D



6F6D78



40595D



37363D



BDBDBD



3D3D3D

Same Dimension

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



44405D



524C78



52405D



2A292E



0F006E



2100ED

Inverse Universe

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



5D4059



784C72



4B5D40



2E292D



6E005F



ED00CC

Previews

White Background



This preview shows how the Hex color 44405D looks on a white background.

Color Contrast Check

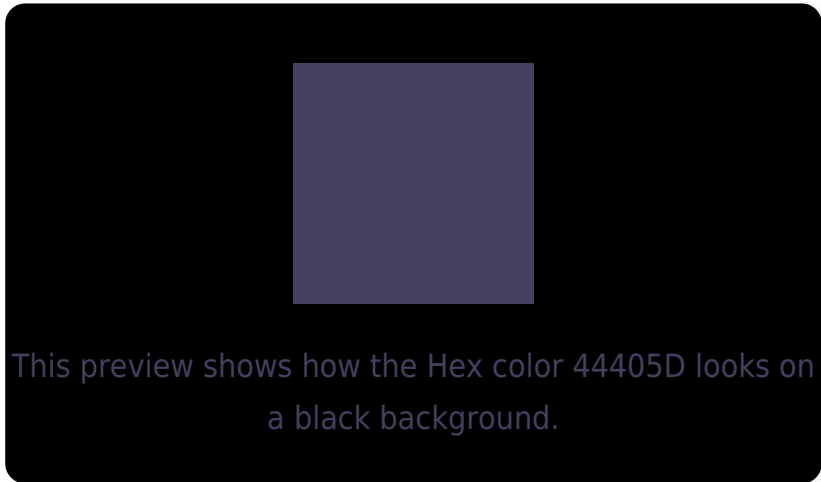
Large Text (above 18pt) WCAG AA ✓ Pass

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

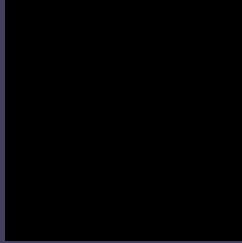
Any Text WCAG AA × Fail

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 44405D Background



This preview shows how black text looks on a background with the Hex color 44405D.

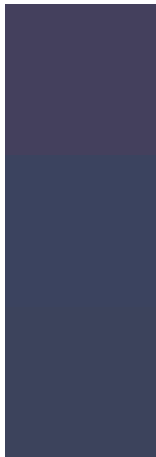


This preview shows how white text looks on a background with the Hex color 44405D.

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](#).

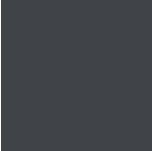
Dichromacy



Original Color
44405D

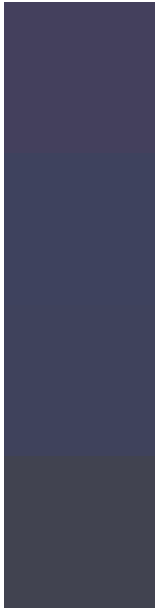
Protanopia
3B435F

Deuteranopia
3C435C



Tritanopia
404449

Trichromacy



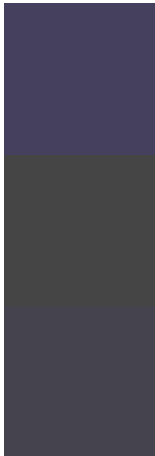
Original Color
44405D

Protanomaly
3E425E

Deuteranomaly
3F425C

Tritanomaly
414350

Monochromacy



Original Color
44405D

Achromatopsia
454545

Achromatomaly
45434E

CSS Examples

Text

The CSS property to change the color of the text to Hex 44405D 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 #44405D looks like.

```
.text, #text, p{  
    color:#44405D  
}
```

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 #44405D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #44405D  
}
```

Border

The CSS property to change the border of an element to Hex 44405D is called "border". The border property can be set on classes, ids or directly on the HTML element.

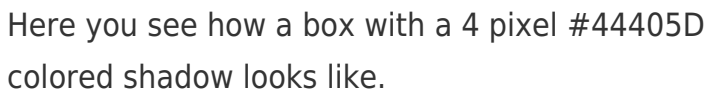
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#44405D }
```

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

```
.border{ border-color:#44405D }
```

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



Here you see how a box with a 4 pixel #44405D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #44405D; -webkit-box-shadow:4px 4px  
4px 4px #44405D; box-shadow:4px 4px 4px  
4px #44405D }
```

Background

The CSS property to change the background color of an element to Hex 44405D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#44405D }
```

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

```
.background{ background-color:#44405D }
```

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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