

Converting Colors

Hex(3C405D)

Have a look what the booklet for
Hex(3C405D) contains.

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Color

Hex(3C405D)

Conversions

Conversions Part 1

Format	Color
Hex	3C405D
RGB	60, 64, 93
RGB Percent	24%, 25%, 36%
CMY	0.7647, 0.7490, 0.6353
CMYK	0.35, 0.31, 0.00, 0.64
HSL	233°, 22%, 30%
HSV	233°, 35%, 36%
XYZ	5.6727, 5.4178, 11.1027
YIQ	66.1100, -11.6930, 8.1710

Conversions

Conversions Part 2

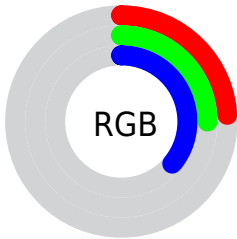
Format	Color
RYB	60, 64, 93
Decimal	3948637
CIELab	27.89, 6.20, -17.76
CIElCh	28, 18.811, 289.252
Yxy	5.4178, 0.2556, 0.2441
Android (android.graphics.Color)	4282138717 (0xFF3C405D)
YUV	66.1100, 13.2568, -5.3585
Hunter-Lab	23.2761, 2.7694, -11.9880

Details

The Hex color **3C405D** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **5D593C**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **6C708F**, and **0F162F** is the 20% darker color. If you saturate the color by 10%, you get **33385D**, and if you desaturate by 10%, it is **45485D**.

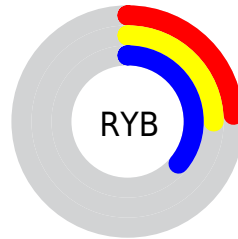
Distribution



Red (24%)

Green (25%)

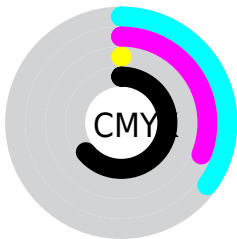
Blue (36%)



Red (24%)

Yellow (25%)

Blue (36%)

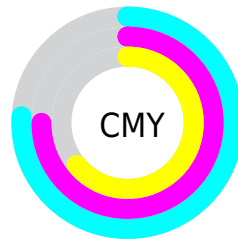


Cyan (35%)

Magenta (31%)

Yellow (0%)

Black (64%)



Cyan (76%)

Magenta (75%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3C405D 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 3C405D by changing the saturation by 10% instead.



3C405D



3C405D

FFFFFF



252A45



6C708F



0F162F



8689AA



00011A



A0A3C5



000000



BCBEE1



D8DAFE



F4F6FF



3C405D



3C405D



33385D



45485D

■ 29305D

■ 4F505D

■ 20275D

■ 58595D

■ 171F5D

■ 61615D

■ 0E175D

■ 6B695D

■ 040F5D

■ 74715D

■ 000B5D

■ 7D795D

■ 86815D

■ 908A5D

Harmonies

Analogous

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



24455E



3C405D



4F3B55

Triad

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



3C405D



5A3A2D



1F493C

Complementary

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



3C405D



5D593C

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.



32472F



3C405D



503F25

Square

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



3C405D



5E3739



424426



0C4A4B

Rectangle

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



3C405D



58384C



424426



254937

Sweetspot

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



3C405D



6B6C78



3C5D59



35363D



BDBDBD



3D3D3D

Same Dimension

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



3C405D



444B78



483C5D



292A2E



000D6E



001DED

Inverse Universe

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



5D3C40



78444B



515D3C



2E292A



6E000D



ED001D

Previews

White Background



This preview shows how the Hex color 3C405D looks on a white background.

Color Contrast Check

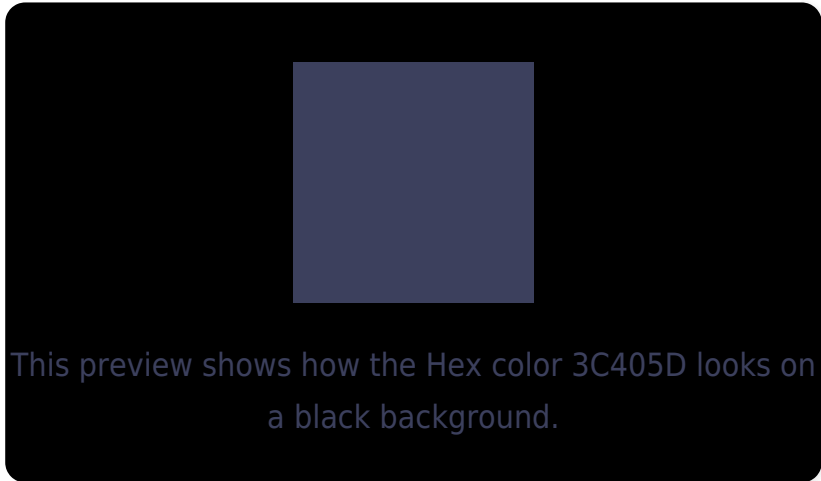
Large Text (above 18pt) WCAG AA ✓ Pass

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

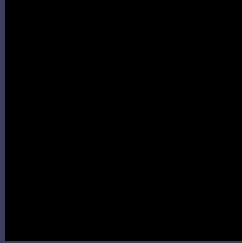
Any Text WCAG AA × Fail

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 3C405D Background



This preview shows how black text looks on a background with the Hex color 3C405D.

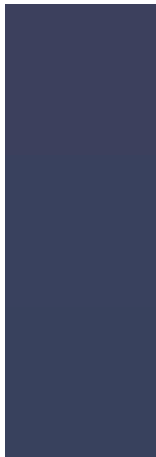


This preview shows how white text looks on a background with the Hex color 3C405D.

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](#).

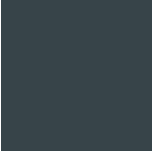
Dichromacy



Original Color
3C405D

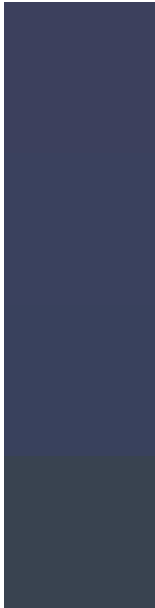
Protanopia
39415E

Deuteranopia
38415D



Tritanopia
374449

Trichromacy



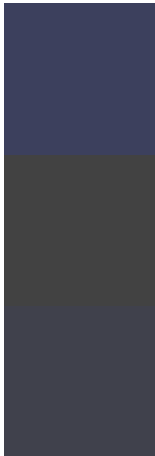
Original Color
3C405D

Protanomaly
3A415E

Deuteranomaly
39415D

Tritanomaly
394350

Monochromacy



Original Color
3C405D

Achromatopsia
424242

Achromatomaly
40414C

CSS Examples

Text

The CSS property to change the color of the text to Hex 3C405D 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 #3C405D looks like.

```
.text, #text, p{  
    color:#3C405D  
}
```

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 #3C405D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C405D
}
```

Border

The CSS property to change the border of an element to Hex 3C405D is called "border". The border property can be set on classes, ids or directly on the HTML element.

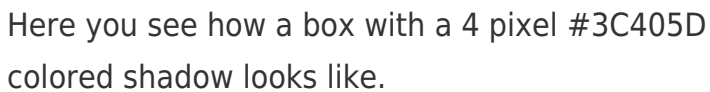
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3C405D }
```

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

```
.border{ border-color:#3C405D }
```

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



Here you see how a box with a 4 pixel #3C405D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C405D; -webkit-box-shadow:4px 4px  
4px 4px #3C405D; box-shadow:4px 4px 4px  
4px #3C405D }
```

Background

The CSS property to change the background color of an element to Hex 3C405D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C405D }
```

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

```
.background{ background-color:#3C405D }
```

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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