

Converting Colors

Hex(3B445D)

Have a look what the booklet for
Hex(3B445D) contains.

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Color

Hex(3B445D)

Conversions

Conversions Part 1

Format	Color
Hex	3B445D
RGB	59, 68, 93
RGB Percent	23%, 27%, 36%
CMY	0.7686, 0.7333, 0.6353
CMYK	0.37, 0.27, 0.00, 0.64
HSL	224°, 22%, 30%
HSV	224°, 37%, 36%
XYZ	5.8465, 5.8544, 11.1778
YIQ	68.1590, -13.3890, 5.8670

Conversions

Conversions Part 2

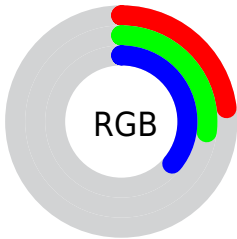
Format	Color
RYB	59, 66, 93
Decimal	3884125
CIELab	29.04, 3.23, -15.99
CIELCh	29, 16.311, 281.412
Yxy	5.8544, 0.2555, 0.2559
Android (android.graphics.Color)	4282074205 (0xFF3B445D)
YUV	68.1590, 12.2466, -8.0324
Hunter-Lab	24.1958, 0.7891, -10.4533

Details

The Hex color **3B445D** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **5D543B**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **6B748F**, and **0E192F** is the 20% darker color. If you saturate the color by 10%, you get **323D5D**, and if you desaturate by 10%, it is **444B5D**.

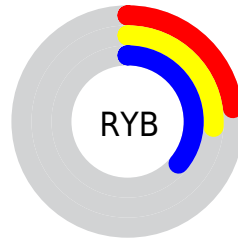
Distribution



Red (23%)

Green (27%)

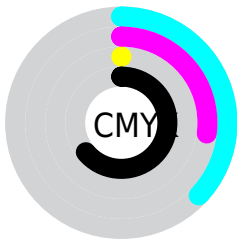
Blue (36%)



Red (23%)

Yellow (26%)

Blue (36%)

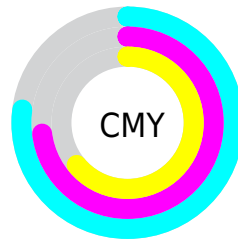


Cyan (37%)

Magenta (27%)

Yellow (0%)

Black (64%)



Cyan (77%)

Magenta (73%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B445D 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 3B445D by changing the saturation by 10% instead.



3B445D



3B445D

FFFFFF



242E45



6B748F



0E192F



858DAA



00011A



9FA8C5



000000



BBC3E1



D6DFFE



F3FCFF



3B445D



3B445D



323D5D



444B5D

■ 28365D

■ 4E525D

■ 1F2F5D

■ 57595D

■ 16295D

■ 605F5D

■ 0C225D

■ 6A665D

■ 031B5D

■ 736D5D

■ 00195D

■ 7C745D

■ 857B5D

■ 8F825D

Harmonies

Analogous

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



28485C



3B445D



4C4057

Triad

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



3B445D



5C3D34



2C4B3C

Complementary

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



3B445D



5D543B

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.



3A4931



3B445D



54412D

Square

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



3B445D



5D3B40



48452C



1F4B49

Rectangle

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



3B445D



553D51



48452C



314A38

Sweetspot

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



3B445D



6B6E78



3B5D54



35373D



BDBDBD



3D3D3D

Same Dimension

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



3B445D



435178



433B5D



292B2E



001D6E



003FED

Inverse Universe

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



5D3B44



784351



555D3B



2E292B



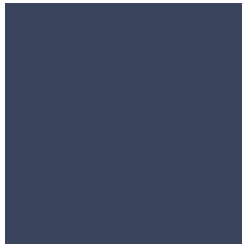
6E001D



ED003F

Previews

White Background



This preview shows how the Hex color 3B445D looks on a white background.

Color Contrast Check

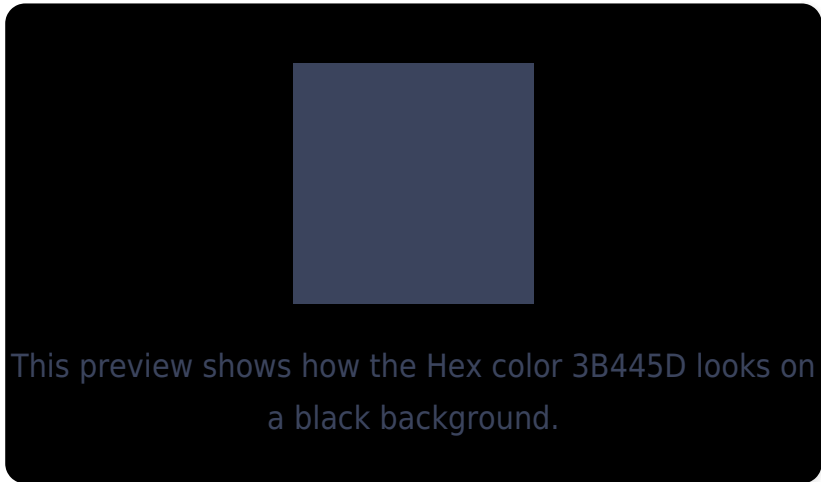
Large Text (above 18pt) WCAG AA ✓ Pass

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

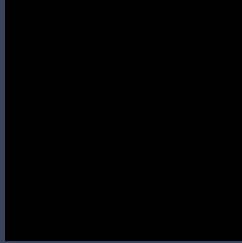
Any Text WCAG AA × Fail

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 3B445D Background



This preview shows how black text looks on a background with the Hex color 3B445D.

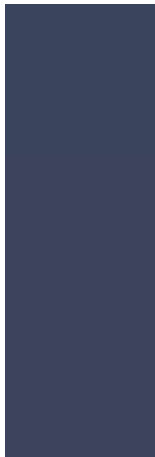


This preview shows how white text looks on a background with the Hex color 3B445D.

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](#).

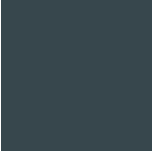
Dichromacy



Original Color
3B445D

Protanopia
3D435D

Deuteranopia
3D435D



Tritanopia
37474D

Trichromacy



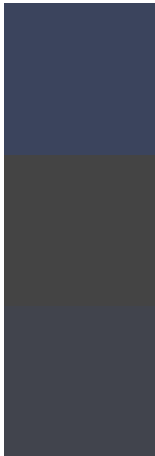
Original Color
3B445D

Protanomaly
3C435D

Deuteranomaly
3C435D

Tritanomaly
384653

Monochromacy



Original Color
3B445D

Achromatopsia
444444

Achromatomaly
41444D

CSS Examples

Text

The CSS property to change the color of the text to Hex 3B445D 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 #3B445D looks like.

```
.text, #text, p{  
    color:#3B445D  
}
```

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 #3B445D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B445D
}
```

Border

The CSS property to change the border of an element to Hex 3B445D 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
#3B445D }
```

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

```
.border{ border-color:#3B445D }
```

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

Here you see how a box with a 4 pixel #3B445D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B445D; -webkit-box-shadow:4px 4px  
4px 4px #3B445D; box-shadow:4px 4px 4px  
4px #3B445D }
```

Background

The CSS property to change the background color of an element to Hex 3B445D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B445D }
```

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

```
.background{ background-color:#3B445D }
```

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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