

Converting Colors

Hex(3B3F45)

Have a look what the booklet for
Hex(3B3F45) contains.

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Color

Hex(3B3F45)

Conversions

Conversions Part 1

Format	Color
Hex	3B3F45
RGB	59, 63, 69
RGB Percent	23%, 25%, 27%
CMY	0.7686, 0.7529, 0.7294
CMYK	0.14, 0.09, 0.00, 0.73
HSL	216°, 8%, 25%
HSV	216°, 14%, 27%
XYZ	4.6553, 4.9145, 6.3335
YIQ	62.4880, -4.3100, 1.0180

Conversions

Conversions Part 2

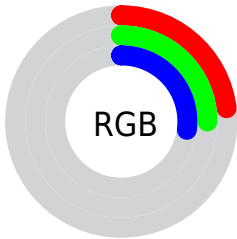
Format	Color
R _Y B	59, 62, 69
Decimal	3882821
CIE Lab	26.49, -0.21, -4.23
CIE LCh	26, 4.239, 267.212
Yxy	4.9145, 0.2927, 0.3090
Android (android.graphics.Color)	4282072901 (0xFF3B3F45)
YUV	62.4880, 3.2104, -3.0590
Hunter-Lab	22.1687, -1.3109, -1.4207

Details

The Hex color **3B3F45** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **45413B**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **6A6F75**, and **11151A** is the 20% darker color. If you saturate the color by 10%, you get **343B45**, and if you desaturate by 10%, it is **424345**.

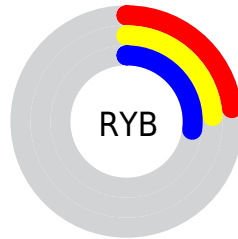
Distribution



Red (23%)

Green (25%)

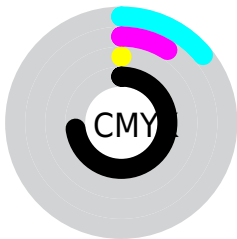
Blue (27%)



Red (23%)

Yellow (24%)

Blue (27%)

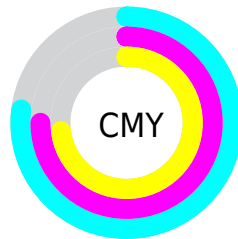


Cyan (14%)

Magenta (9%)

Yellow (0%)

Black (73%)



Cyan (77%)

Magenta (75%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B3F45 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 3B3F45 by changing the saturation by 10% instead.



3B3F45



3B3F45

FFFFFF



25292F



6A6F75



11151A



83888F



000000



9EA2A9



B8BDC4



D4D9E0



F0F5FD



3B3F45



3B3F45



343B45



424345

■ 2D3745

■ 494745

■ 263345

■ 504B45

■ 1F2E45

■ 575045

■ 192A45

■ 5E5445

■ 122645

■ 645845

■ 0B2245

■ 6B5C45

■ 041E45

■ 726045

■ 001C45

■ 796445

Harmonies

Analogous

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



384044



3B3F45



3F3E44

Triad

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



3B3F45



463D3C



3A403B

Complementary

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



3B3F45



45413B

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.



3E3F39



3B3F45



443D39

Square

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



3B3F45



453D3F



423E38



38413E

Rectangle

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



3B3F45



423D43



423E38



3C403A

Sweetspot

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



3B3F45



565759



3B4541



2C2D2E



ADADAD



2E2E2E

Same Dimension

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



3B3F45



4A5059



3C3B45



202224



002863



005BE3

Inverse Universe

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



453B3F



594A50



44453B



242022



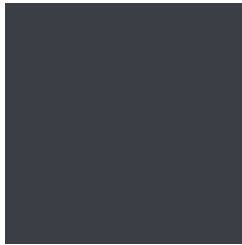
630028



E3005B

Previews

White Background



This preview shows how the Hex color 3B3F45 looks on a white background.

Color Contrast Check

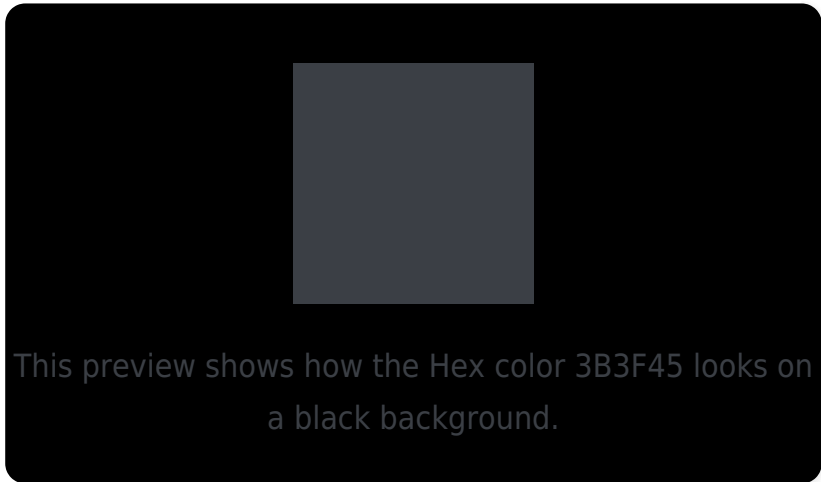
Large Text (above 18pt) WCAG AA ✓ Pass

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

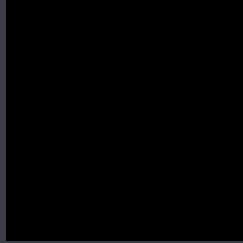
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

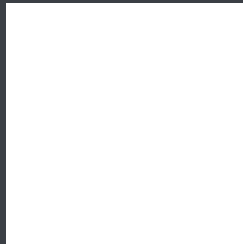
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 3B3F45 Background



This preview shows how black text looks on a background with the Hex color 3B3F45.

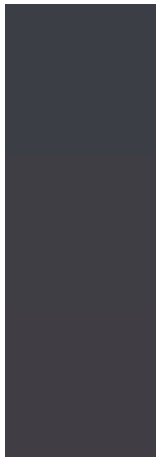


This preview shows how white text looks on a background with the Hex color 3B3F45.

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
3B3F45

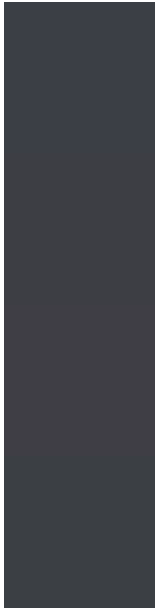
Protanopia
3E3E44

Deuteranopia
413D45



Tritanopia
3B3F44

Trichromacy



Original Color

3B3F45

Protanomaly

3D3E44

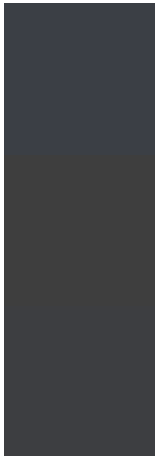
Deuteranomaly

3F3E45

Tritanomaly

3B3F44

Monochromacy



Original Color

3B3F45

Achromatopsia

3E3E3E

Achromatomaly

3D3E41

CSS Examples

Text

The CSS property to change the color of the text to Hex 3B3F45 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 #3B3F45 looks like.

```
.text, #text, p{  
    color:#3B3F45  
}
```

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 #3B3F45 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B3F45
}
```

Border

The CSS property to change the border of an element to Hex 3B3F45 is called "border". The border property can be set on classes, ids or directly on the HTML element.

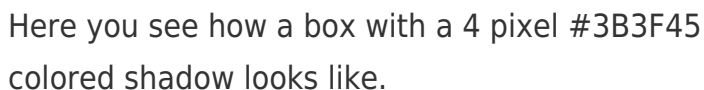
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3B3F45 }
```

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

```
.border{ border-color:#3B3F45 }
```

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



Here you see how a box with a 4 pixel #3B3F45 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B3F45; -webkit-box-shadow:4px 4px  
4px 4px #3B3F45; box-shadow:4px 4px 4px  
4px #3B3F45 }
```

Background

The CSS property to change the background color of an element to Hex 3B3F45 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B3F45 }
```

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

```
.background{ background-color:#3B3F45 }
```

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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