

Converting Colors

Hex(3F4249)

Have a look what the booklet for
Hex(3F4249) contains.

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Color

Hex(3F4249)

Conversions

Conversions Part 1

Format	Color
Hex	3F4249
RGB	63, 66, 73
RGB Percent	25%, 26%, 29%
CMY	0.7529, 0.7412, 0.7137
CMYK	0.14, 0.10, 0.00, 0.71
HSL	222°, 7%, 27%
HSV	222°, 14%, 29%
XYZ	5.2007, 5.4342, 7.0781
YIQ	65.9010, -4.0350, 1.5410

Conversions

Conversions Part 2

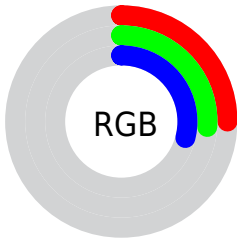
Format	Color
RYB	63, 65, 73
Decimal	4145737
CIELab	27.94, 0.43, -4.66
CIElCh	28, 4.683, 275.325
Yxy	5.4342, 0.2936, 0.3068
Android (android.graphics.Color)	4282335817 (0xFF3F4249)
YUV	65.9010, 3.4998, -2.5442
Hunter-Lab	23.3114, -0.9722, -1.6844

Details

The Hex color **3F4249** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **49463F**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **6F727A**, and **15171D** is the 20% darker color. If you saturate the color by 10%, you get **383D49**, and if you desaturate by 10%, it is **464749**.

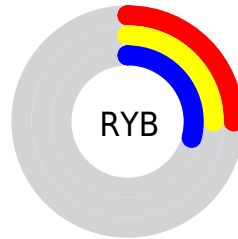
Distribution



Red (25%)

Green (26%)

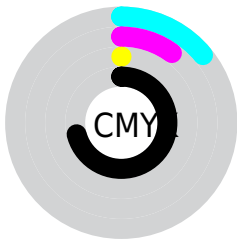
Blue (29%)



Red (25%)

Yellow (25%)

Blue (29%)

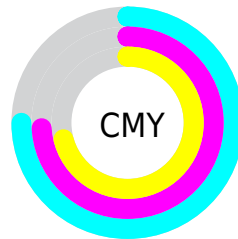


Cyan (14%)

Magenta (10%)

Yellow (0%)

Black (71%)



Cyan (75%)

Magenta (74%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3F4249 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 3F4249 by changing the saturation by 10% instead.



3F4249



3F4249

FFFFFF



292C33



6F727A



15171D



888B93



000003



A2A6AE



000000



BDC1C9



D9DDE5



F6F9FF



3F4249



3F4249



383D49



464749

■ 303849

■ 4E4C49

■ 293349

■ 555149

■ 222E49

■ 5C5649

■ 1A2849

■ 645C49

■ 132349

■ 6B6149

■ 0C1E49

■ 726649

■ 051949

■ 796B49

■ 001649

■ 817049

Harmonies

Analogous

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



3B4348



3F4249



434148

Triad

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



3F4249



4A403E



3C443F

Complementary

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



3F4249



49463F

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.



40433C



3F4249



48413C

Square

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



3F4249



494041



44423B



3A4442

Rectangle

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



3F4249



464046



44423B



3D443E

Sweetspot

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



3F4249



5B5C5E



3F4946



2E2F30



B0B0B0



303030

Same Dimension

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



3F4249



4F545E



413F49



202124



001E63



0044E3

Inverse Universe

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



493F42



5E4F54



47493F



242021



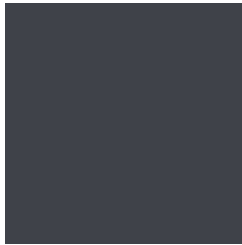
63001E



E30044

Previews

White Background



This preview shows how the Hex color 3F4249 looks on a white background.

Color Contrast Check

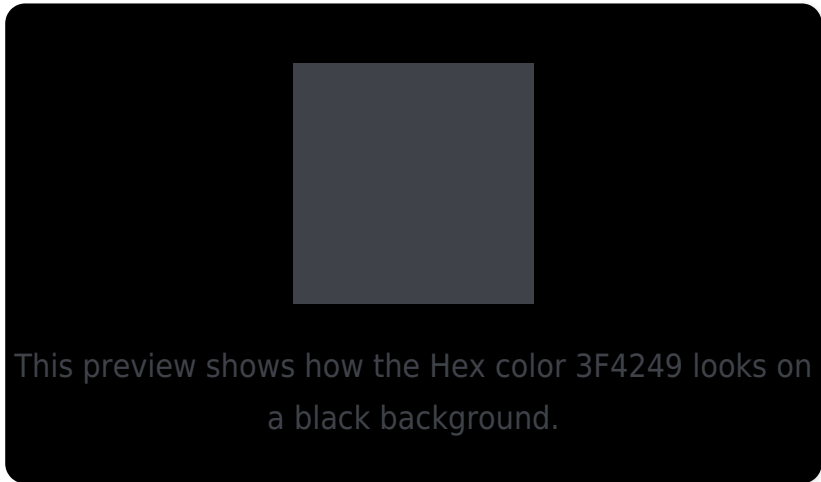
Large Text (above 18pt) WCAG AA ✓ Pass

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

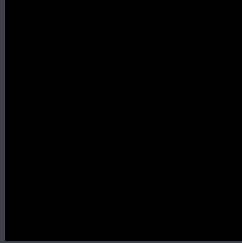
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

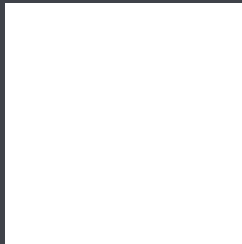
Any Text WCAG AAA × Fail

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

Hex 3F4249 Background



This preview shows how black text looks on a background with the Hex color 3F4249.



This preview shows how white text looks on a background with the Hex color 3F4249.

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](#).

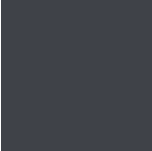
Dichromacy



Original Color
3F4249

Protanopia
414149

Deuteranopia
454049



Tritanopia
3F4248

Trichromacy



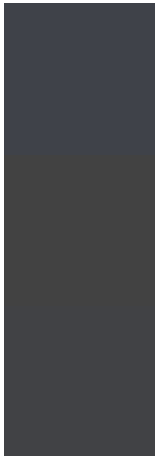
Original Color
3F4249

Protanomaly
404149

Deuteranomaly
434149

Tritanomaly
3F4248

Monochromacy



Original Color
3F4249

Achromatopsia
424242

Achromatomaly
414245

CSS Examples

Text

The CSS property to change the color of the text to Hex 3F4249 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 #3F4249 looks like.

```
.text, #text, p{  
    color:#3F4249  
}
```

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 #3F4249 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F4249
}
```

Border

The CSS property to change the border of an element to Hex 3F4249 is called "border". The border property can be set on classes, ids or directly on the HTML element.

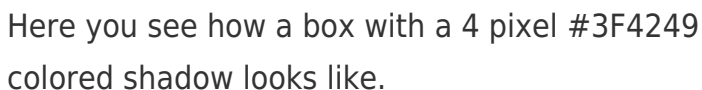
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3F4249 }
```

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

```
.border{ border-color:#3F4249 }
```

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



Here you see how a box with a 4 pixel #3F4249 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F4249; -webkit-box-shadow:4px 4px  
4px 4px #3F4249; box-shadow:4px 4px 4px  
4px #3F4249 }
```

Background

The CSS property to change the background color of an element to Hex 3F4249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F4249 }
```

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

```
.background{ background-color:#3F4249 }
```

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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