

Converting Colors

Hex(3F4A64)

Have a look what the booklet for
Hex(3F4A64) contains.

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Color

Hex(3F4A64)

Conversions

Conversions Part 1

Format	Color
Hex	3F4A64
RGB	63, 74, 100
RGB Percent	25%, 29%, 39%
CMY	0.7529, 0.7098, 0.6078
CMYK	0.37, 0.26, 0.00, 0.61
HSL	222°, 23%, 32%
HSV	222°, 37%, 39%
XYZ	6.7989, 6.8744, 13.0251
YIQ	73.6750, -14.9020, 5.7540

Conversions

Conversions Part 2

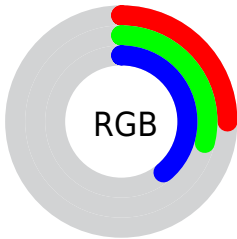
Format	Color
RYB	63, 71, 100
Decimal	4147812
CIELab	31.52, 2.73, -16.62
CIELCh	32, 16.839, 279.339
Yxy	6.8744, 0.2547, 0.2575
Android (android.graphics.Color)	4282337892 (0xFF3F4A64)
YUV	73.6750, 12.9782, -9.3620
Hunter-Lab	26.2191, 0.4037, -11.1007

Details

The Hex color **3F4A64** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **64593F**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **707B97**, and **111F35** is the 20% darker color. If you saturate the color by 10%, you get **354364**, and if you desaturate by 10%, it is **495164**.

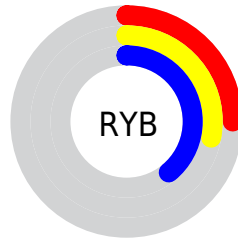
Distribution



 Red (25%)

 Green (29%)

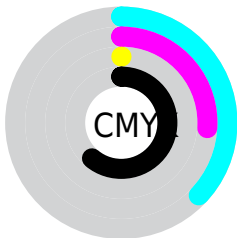
 Blue (39%)



 Red (25%)

 Yellow (28%)

 Blue (39%)

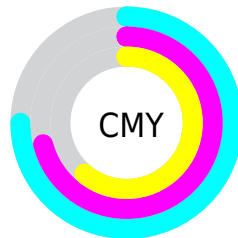


 Cyan (37%)

 Magenta (26%)

 Yellow (0%)

 Black (61%)



 Cyan (75%)

 Magenta (71%)

 Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3F4A64 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 3F4A64 by changing the saturation by 10% instead.



3F4A64



3F4A64

FFFFFF



28344C



707B97



111F35



8A94B2



000520



A4AFCD



000005



C0CAE9



000000



DCE6FF



F8FFFF



3F4A64



3F4A64



354364



495164

■ 2B3C64

■ 535864

■ 213564

■ 5D5F64

■ 172E64

■ 676664

■ 0D2764

■ 716D64

■ 032064

■ 7B7464

■ 001E64

■ 857B64

■ 8F8264

■ 998964

Harmonies

Analogous

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



2C4E62



3F4A64



51455F

Triad

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



3F4A64



63423A



315140

Complementary

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



3F4A64



64593F

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.



414E35



3F4A64



5B4632

Square

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



3F4A64



644046



4F4B30



24514E

Rectangle

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



3F4A64



5B4358



4F4B30



36503C

Sweetspot

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



3F4A64



747882



3F6459



3A3C42



C2C2C2



424242

Same Dimension

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



3F4A64



495A82



463F64



2E2F33



002273



0048F2

Inverse Universe

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



643F4A



82495A



5D643F



332E2F



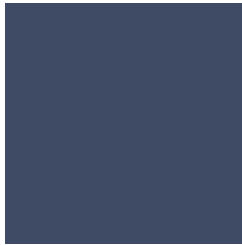
730022



F20048

Previews

White Background



This preview shows how the Hex color 3F4A64 looks on a white background.

Color Contrast Check

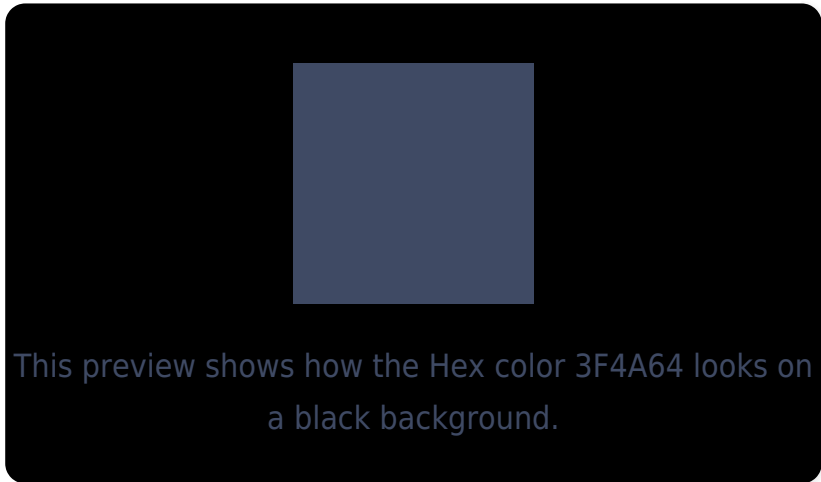
Large Text (above 18pt) WCAG AA ✓ Pass

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

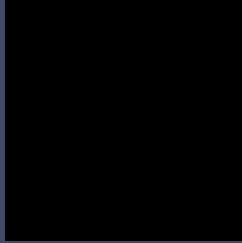
Any Text WCAG AA × Fail

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 3F4A64 Background



This preview shows how black text looks on a background with the Hex color 3F4A64.

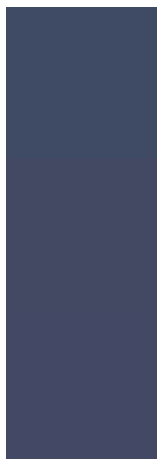


This preview shows how white text looks on a background with the Hex color 3F4A64.

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

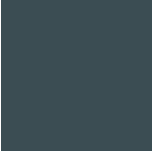
3F4A64

Protanopia

434963

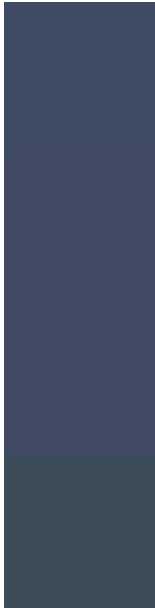
Deuteranopia

434964



Tritanopia
3B4D53

Trichromacy



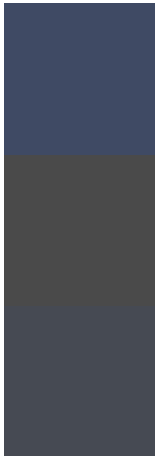
Original Color
3F4A64

Protanomaly
424963

Deuteranomaly
424964

Tritanomaly
3C4C59

Monochromacy



Original Color
3F4A64

Achromatopsia
4A4A4A

Achromatomaly
464A53

CSS Examples

Text

The CSS property to change the color of the text to Hex 3F4A64 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 #3F4A64 looks like.

```
.text, #text, p{  
    color:#3F4A64  
}
```

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 #3F4A64 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F4A64
}
```

Border

The CSS property to change the border of an element to Hex 3F4A64 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
#3F4A64 }
```

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

```
.border{ border-color:#3F4A64 }
```

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

Here you see how a box with a 4 pixel #3F4A64 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F4A64; -webkit-box-shadow:4px 4px  
4px 4px #3F4A64; box-shadow:4px 4px 4px  
4px #3F4A64 }
```

Background

The CSS property to change the background color of an element to Hex 3F4A64 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F4A64 }
```

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

```
.background{ background-color:#3F4A64 }
```

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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