

Converting Colors

Hex(3F5472)

Have a look what the booklet for
Hex(3F5472) contains.

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Color

Hex(3F5472)

Conversions

Conversions Part 1

Format	Color
Hex	3F5472
RGB	63, 84, 114
RGB Percent	25%, 33%, 45%
CMY	0.7529, 0.6706, 0.5529
CMYK	0.45, 0.26, 0.00, 0.55
HSL	215°, 29%, 35%
HSV	215°, 45%, 45%
XYZ	8.2575, 8.6123, 17.1467
YIQ	81.1410, -22.1460, 4.8780

Conversions

Conversions Part 2

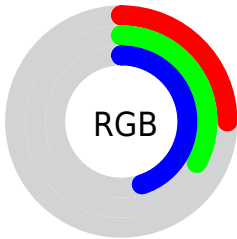
Format	Color
R_{YB}	63, 78, 114
Decimal	4150386
CIE _{Lab}	35.23, 0.64, -19.68
CIE _{LCh}	35, 19.692, 271.872
Yxy	8.6123, 0.2427, 0.2532
Android (android.graphics.Color)	4282340466 (0xFF3F5472)
YUV	81.1410, 16.1995, -15.9097
Hunter-Lab	29.3467, -1.1311, -14.0992

Details

The Hex color **3F5472** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **725D3F**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **7185A6**, and **0D2742** is the 20% darker color. If you saturate the color by 10%, you get **344D72**, and if you desaturate by 10%, it is **4A5B72**.

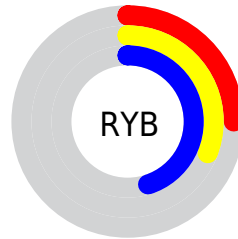
Distribution



Red (25%)

Green (33%)

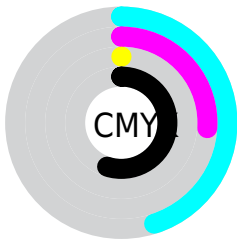
Blue (45%)



Red (25%)

Yellow (31%)

Blue (45%)

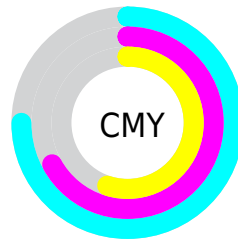


Cyan (45%)

Magenta (26%)

Yellow (0%)

Black (55%)



Cyan (75%)

Magenta (67%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3F5472 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 3F5472 by changing the saturation by 10% instead.

■ 3F5472

■ 3F5472

FFFFFF

■ 273D59

■ 7185A6

■ 0D2742

■ 8BA0C1

■ 00132C

■ A6BADD

■ 000117

■ C2D6FA

■ 000000

■ DEF2FF

■ FBFFFF

■ 3F5472

■ 3F5472

■ 344D72

■ 4A5B72

■ 284772

■ 566172

■ 1D4072

■ 616872

■ 113972

■ 6D6F72

■ 063272

■ 787672

■ 002F72

■ 837C72

■ 8F8372

■ 9A8A72

■ A69072

Harmonies

Analogous

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



27586E



3F5472



564E6D

Triad

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



3F5472



714843



395A44

Complementary

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



3F5472



725D3F

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.



4C5738



3F5472



6A4D38

Square

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



3F5472



714752



5D5233



275B53

Rectangle

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



3F5472



634B66



5D5233



40593F

Sweetspot

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



3F5472



818994



3F725D



3E434A



C9C9C9



4A4A4A

Same Dimension

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



3F5472



446594



433F72



323538



003178



0066F7

Inverse Universe

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



723F54



944465



6E723F



383235



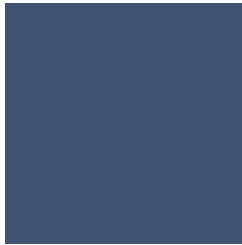
780031



F70066

Previews

White Background



This preview shows how the Hex color 3F5472 looks on a white background.

Color Contrast Check

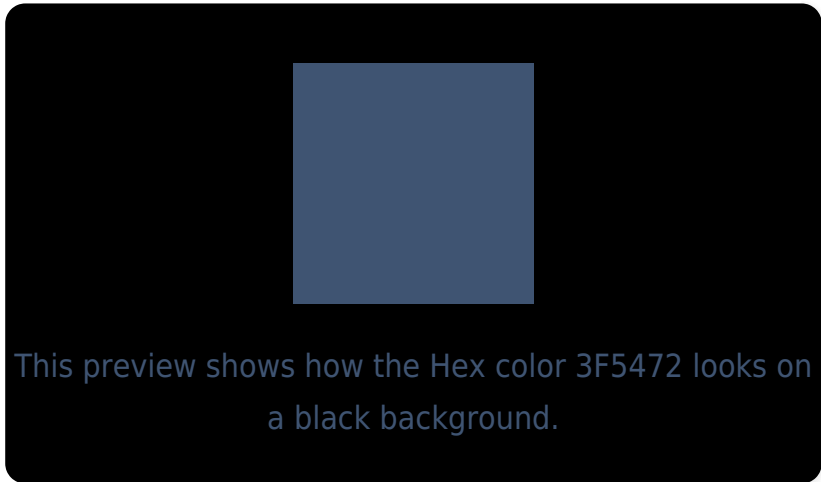
Large Text (above 18pt) WCAG AA ✓ Pass

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

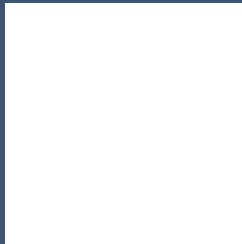
Any Text WCAG AAA × Fail

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

Hex 3F5472 Background



This preview shows how black text looks on a background with the Hex color 3F5472.

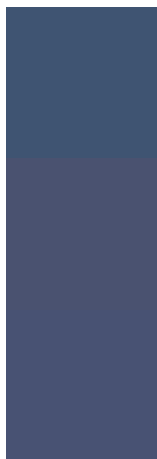


This preview shows how white text looks on a background with the Hex color 3F5472.

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


3F5472

Protanopia

4A5270

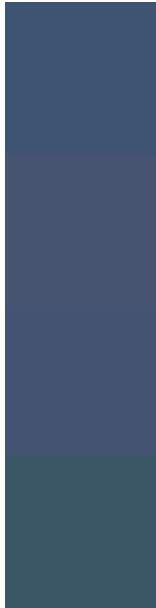
Deuteranopia

485273



Tritanopia
39585F

Trichromacy



Original Color
3F5472

Protanomaly
465371

Deuteranomaly
455373

Tritanomaly
3B5766

Monochromacy



Original Color
3F5472

Achromatopsia
515151

Achromatomaly
4A525D

CSS Examples

Text

The CSS property to change the color of the text to Hex 3F5472 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 #3F5472 looks like.

```
.text, #text, p{  
    color:#3F5472  
}
```

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 #3F5472 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F5472  
}
```

Border

The CSS property to change the border of an element to Hex 3F5472 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  
#3F5472 }
```

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

```
.border{ border-color:#3F5472 }
```

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

Here you see how a box with a 4 pixel #3F5472 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F5472; -webkit-box-shadow:4px 4px  
4px 4px #3F5472; box-shadow:4px 4px 4px  
4px #3F5472 }
```

Background

The CSS property to change the background color of an element to Hex 3F5472 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F5472 }
```

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

```
.background{ background-color:#3F5472 }
```

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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