

Converting Colors

Hex(3D4F6B)

Have a look what the booklet for
Hex(3D4F6B) contains.

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Color

Hex(3D4F6B)

Conversions

Conversions Part 1

Format	Color
Hex	3D4F6B
RGB	61, 79, 107
RGB Percent	24%, 31%, 42%
CMY	0.7608, 0.6902, 0.5804
CMYK	0.43, 0.26, 0.00, 0.58
HSL	217°, 27%, 33%
HSV	217°, 43%, 42%
XYZ	7.3743, 7.6456, 14.9970
YIQ	76.8100, -19.7160, 4.8920

Conversions

Conversions Part 2

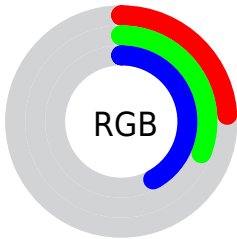
Format	Color
R_{YB}	61, 74, 107
Decimal	4018027
CIE _{Lab}	33.23, 1.04, -18.40
CIE _{LCh}	33, 18.431, 273.235
Yxy	7.6456, 0.2457, 0.2547
Android (android.graphics.Color)	4282208107 (0xFF3D4F6B)
YUV	76.8100, 14.8837, -13.8654
Hunter-Lab	27.6507, -0.7837, -12.8019

Details

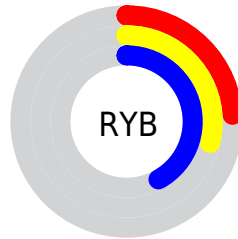
The Hex color **3D4F6B** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **6B593D**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **6F809E**, and **0C233C** is the 20% darker color. If you saturate the color by 10%, you get **32486B**, and if you desaturate by 10%, it is **48566B**.

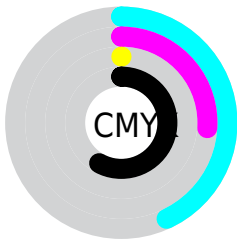
Distribution



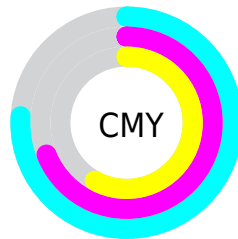
- Red (24%)
- Green (31%)
- Blue (42%)



- Red (24%)
- Yellow (29%)
- Blue (42%)



- Cyan (43%)
- Magenta (26%)
- Yellow (0%)
- Black (58%)



- Cyan (76%)
- Magenta (69%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D4F6B 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 3D4F6B by changing the saturation by 10% instead.

■ 3D4F6B

■ 3D4F6B

FFFFFF

■ 253853

■ 6F809E

■ 0C233C

■ 889AB9

■ 000D26

■ A3B5D5

■ 000110

■ BFD0F2

■ 000000

■ DBECFF

■ F7FFFF

■ 3D4F6B

■ 3D4F6B

■ 32486B

■ 48566B

■ 28426B

■ 525C6B

■ 1D3B6B

■ 5D636B

■ 12356B

■ 68696B

■ 072E6B

■ 73706B

■ 002A6B

■ 7D766B

■ 887D6B

■ 93836B

■ 9D8A6B

Harmonies

Analogous

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



285368



3D4F6B



524A66

Triad

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



3D4F6B



6A453F



365541

Complementary

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



3D4F6B



6B593D

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.



475235



3D4F6B



634935

Square

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



3D4F6B



6A434D



574E31



25564F

Rectangle

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



3D4F6B



5E4760



574E31



3C543C

Sweetspot

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



3D4F6B



7A818C



3D6B59



3C4047



C7C7C7



474747

Same Dimension

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



3D4F6B



43608C



423D6B



303236



002E75



0060F5

Inverse Universe

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



6B3D4F



8C4360



666B3D



363032



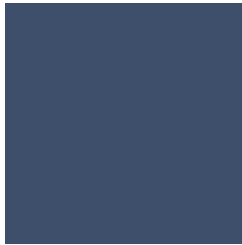
75002E



F50060

Previews

White Background



This preview shows how the Hex color 3D4F6B looks on a white background.

Color Contrast Check

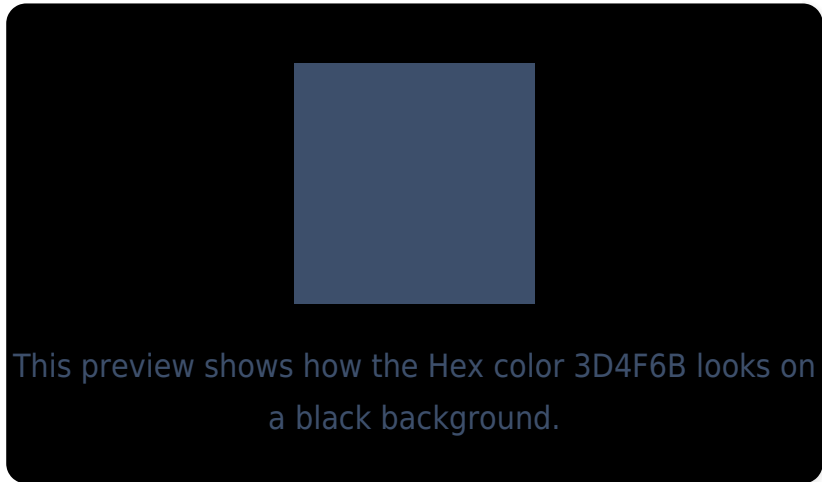
Large Text (above 18pt) WCAG AA ✓ Pass

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

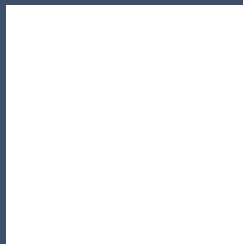
Any Text WCAG AAA × Fail

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

Hex 3D4F6B Background



This preview shows how black text looks on a background with the Hex color 3D4F6B.



This preview shows how white text looks on a background with the Hex color 3D4F6B.

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
3D4F6B

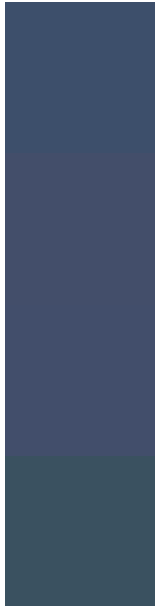
Protanopia
464D69

Deuteranopia
454D6B



Tritanopia
385259

Trichromacy



Original Color

3D4F6B

Protanomaly

434E6A

Deuteranomaly

424E6B

Tritanomaly

3A5160

Monochromacy



Original Color

3D4F6B

Achromatopsia

4D4D4D

Achromatomaly

474E58

CSS Examples

Text

The CSS property to change the color of the text to Hex 3D4F6B 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 #3D4F6B looks like.

```
.text, #text, p{  
    color:#3D4F6B  
}
```

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 #3D4F6B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D4F6B
}
```

Border

The CSS property to change the border of an element to Hex 3D4F6B 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
#3D4F6B }
```

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

```
.border{ border-color:#3D4F6B }
```

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

Here you see how a box with a 4 pixel #3D4F6B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D4F6B; -webkit-box-shadow:4px 4px  
4px 4px #3D4F6B; box-shadow:4px 4px 4px  
4px #3D4F6B }
```

Background

The CSS property to change the background color of an element to Hex 3D4F6B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D4F6B }
```

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

```
.background{ background-color:#3D4F6B }
```

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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