

Converting Colors

Hex(3D4C66)

Have a look what the booklet for
Hex(3D4C66) contains.

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Color

Hex(3D4C66)

Conversions

Conversions Part 1

Format	Color
Hex	3D4C66
RGB	61, 76, 102
RGB Percent	24%, 30%, 40%
CMY	0.7608, 0.7020, 0.6000
CMYK	0.40, 0.25, 0.00, 0.60
HSL	218°, 25%, 32%
HSV	218°, 40%, 40%
XYZ	6.9072, 7.1203, 13.5807
YIQ	74.4790, -17.2860, 4.9060

Conversions

Conversions Part 2

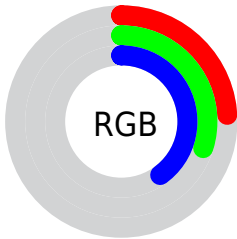
Format	Color
R _Y B	61, 72, 102
Decimal	4017254
CIE Lab	32.08, 1.41, -17.03
CIE LCh	32, 17.091, 274.749
Yxy	7.1203, 0.2502, 0.2579
Android (android.graphics.Color)	4282207334 (0xFF3D4C66)
YUV	74.4790, 13.5679, -11.8211
Hunter-Lab	26.6839, -0.4916, -11.4968

Details

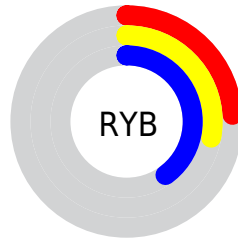
The Hex color **3D4C66** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **66573D**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **6E7D99**, and **0E2037** is the 20% darker color. If you saturate the color by 10%, you get **334666**, and if you desaturate by 10%, it is **475266**.

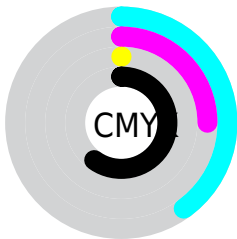
Distribution



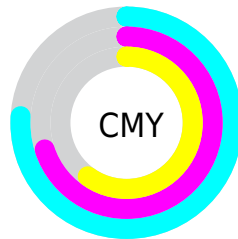
- Red (24%)
- Green (30%)
- Blue (40%)



- Red (24%)
- Yellow (28%)
- Blue (40%)



- Cyan (40%)
- Magenta (25%)
- Yellow (0%)
- Black (60%)



- Cyan (76%)
- Magenta (70%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D4C66 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 3D4C66 by changing the saturation by 10% instead.

■ 3D4C66

■ 3D4C66

FFFFFF

■ 26354E

■ 6E7D99

■ 0E2037

■ 8897B4

■ 000822

■ A2B1CF

■ 000008

■ BECDEC

■ 000000

■ DAE9FF

■ F6FFFF

■ 3D4C66

■ 3D4C66

■ 334666

■ 475266

■ 293F66

■ 515966

■ 1E3966

■ 5C5F66

■ 143266

■ 666666

■ 0A2C66

■ 706C66

■ 002566

■ 7A7366

■ 847966

■ 8F8066

■ 998666

Harmonies

Analogous

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



2A5063



3D4C66



504762

Triad

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



3D4C66



65433D



355240

Complementary

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



3D4C66



66573D

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.



444F35



3D4C66



5E4734

Square

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



3D4C66



66414A



534B31



26534D

Rectangle

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



3D4C66



5A445B



534B31



3A513C

Sweetspot

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



3D4C66



757B85



3D6657



393C42



C2C2C2



424242

Same Dimension

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



3D4C66



455C85



423D66



2E3033



002A73



0059F2

Inverse Universe

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



663D4C



85455C



61663D



332E30



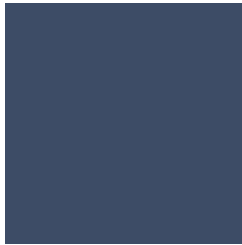
73002A



F20059

Previews

White Background



This preview shows how the Hex color 3D4C66 looks on a white background.

Color Contrast Check

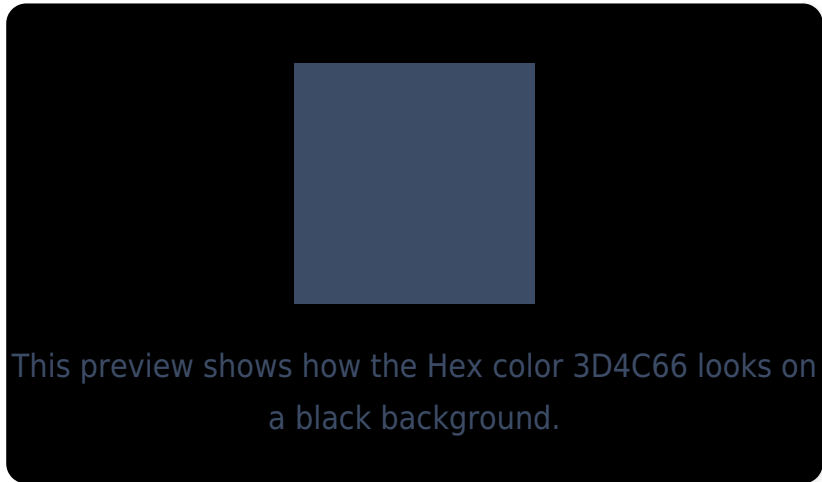
Large Text (above 18pt) WCAG AA ✓ Pass

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

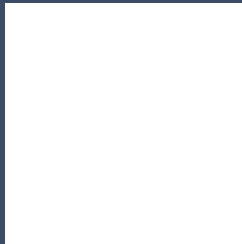
Any Text WCAG AAA × Fail

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

Hex 3D4C66 Background



This preview shows how black text looks on a background with the Hex color 3D4C66.

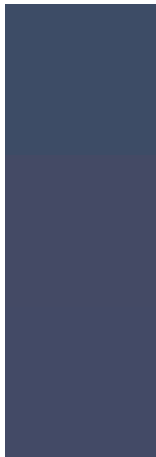


This preview shows how white text looks on a background with the Hex color 3D4C66.

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
3D4C66

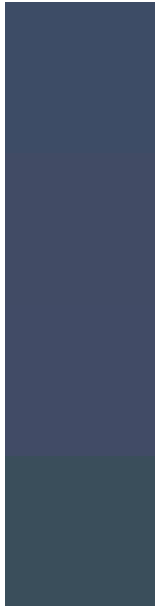
Protanopia
444A65

Deuteranopia
434A66



Tritanopia
394F55

Trichromacy



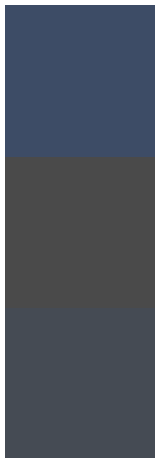
Original Color
3D4C66

Protanomaly
414B65

Deuteranomaly
414B66

Tritanomaly
3A4E5B

Monochromacy



Original Color
3D4C66

Achromatopsia
4A4A4A

Achromatomaly
454B54

CSS Examples

Text

The CSS property to change the color of the text to Hex 3D4C66 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 #3D4C66 looks like.

```
.text, #text, p{  
    color:#3D4C66  
}
```

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 #3D4C66 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D4C66
}
```

Border

The CSS property to change the border of an element to Hex 3D4C66 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
#3D4C66 }
```

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

```
.border{ border-color:#3D4C66 }
```

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

Here you see how a box with a 4 pixel #3D4C66 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D4C66; -webkit-box-shadow:4px 4px  
4px 4px #3D4C66; box-shadow:4px 4px 4px  
4px #3D4C66 }
```

Background

The CSS property to change the background color of an element to Hex 3D4C66 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D4C66 }
```

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

```
.background{ background-color:#3D4C66 }
```

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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