

Converting Colors

Hex(3C4B68)

Have a look what the booklet for
Hex(3C4B68) contains.

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Color

Hex(3C4B68)

Conversions

Conversions Part 1

Format	Color
Hex	3C4B68
RGB	60, 75, 104
RGB Percent	24%, 29%, 41%
CMY	0.7647, 0.7059, 0.5922
CMYK	0.42, 0.28, 0.00, 0.59
HSL	220°, 27%, 32%
HSV	220°, 42%, 41%
XYZ	6.8782, 6.9923, 14.0838
YIQ	73.8210, -18.2490, 5.8390

Conversions

Conversions Part 2

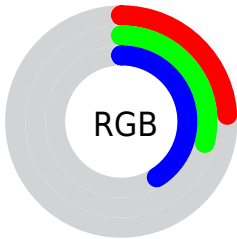
Format	Color
RYB	60, 71, 104
Decimal	3951464
CIELab	31.79, 2.37, -18.75
CIElCh	32, 18.900, 277.211
Yxy	6.9923, 0.2461, 0.2501
Android (android.graphics.Color)	4282141544 (0xFF3C4B68)
YUV	73.8210, 14.8782, -12.1210
Hunter-Lab	26.4429, 0.1557, -13.0685

Details

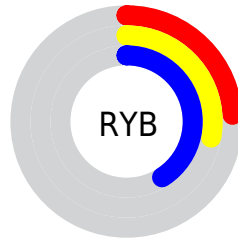
The Hex color **3C4B68** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **68593C**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **6D7C9B**, and **0C1F39** is the 20% darker color. If you saturate the color by 10%, you get **324468**, and if you desaturate by 10%, it is **465268**.

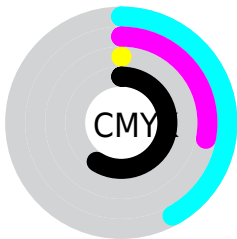
Distribution



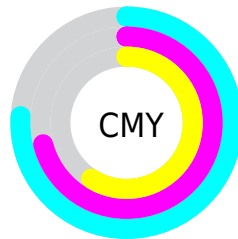
- Red (24%)
- Green (29%)
- Blue (41%)



- Red (24%)
- Yellow (28%)
- Blue (41%)



- Cyan (42%)
- Magenta (28%)
- Yellow (0%)
- Black (59%)



- Cyan (76%)
- Magenta (71%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3C4B68 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 3C4B68 by changing the saturation by 10% instead.

■ 3C4B68

■ 3C4B68

FFFFFF

■ 243450

■ 6D7C9B

■ 0C1F39

■ 8795B6

■ 000723

■ A2B0D2

■ 00000B

■ BDCBEE

■ 000000

■ D9E8FF

■ F6FFFF

■ 3C4B68

■ 3C4B68

■ 324468

■ 465268

■ 273D68

■ 515968

■ 1D3668

■ 5B6068

■ 123068

■ 666668

■ 082968

■ 706D68

■ 002368

■ 7A7468

■ 857B68

■ 8F8268

■ 9A8968

Harmonies

Analogous

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



254F66



3C4B68



514662

Triad

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



3C4B68



67413A



30523F

Complementary

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



3C4B68



68593C

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.



414F33



3C4B68



5E4630

Square

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



3C4B68



683F48



514B2D



1E534E

Rectangle

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



3C4B68



5C425B



514B2D



36513A

Sweetspot

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



3C4B68



767C87



3C6859



3A3E45



C4C4C4



454545

Same Dimension

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



3C4B68



425A87



433C68



2E3033



002773



0053F2

Inverse Universe

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



683C4B



87425A



61683C



332E30



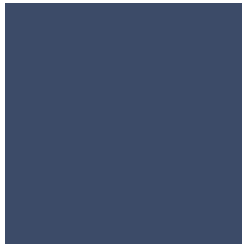
730027



F20053

Previews

White Background



This preview shows how the Hex color 3C4B68 looks on a white background.

Color Contrast Check

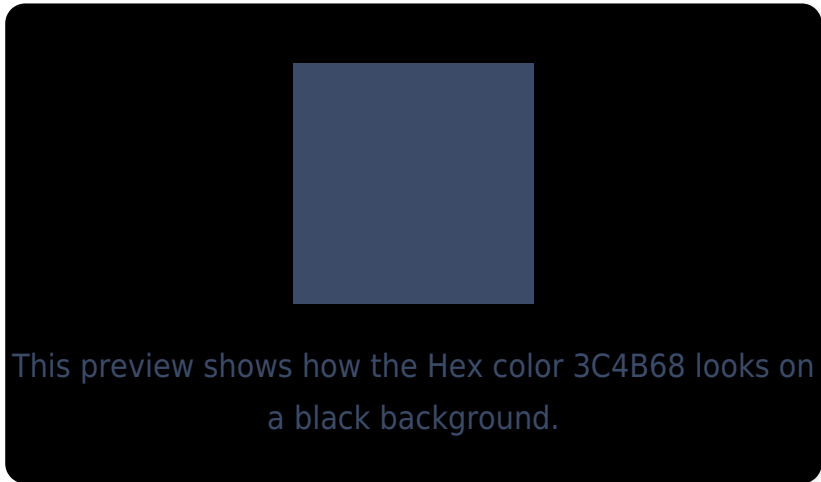
Large Text (above 18pt) WCAG AA ✓ Pass

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

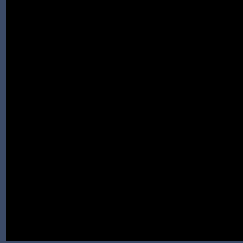
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

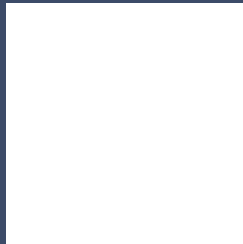
Any Text WCAG AAA × Fail

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

Hex 3C4B68 Background



This preview shows how black text looks on a background with the Hex color 3C4B68.

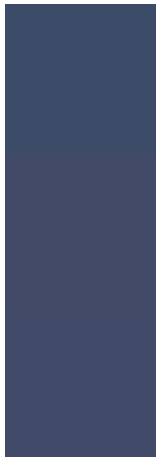


This preview shows how white text looks on a background with the Hex color 3C4B68.

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
3C4B68

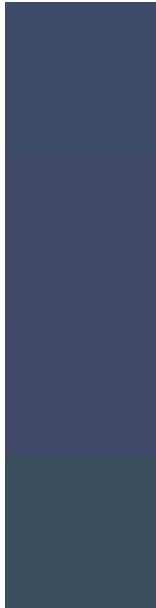
Protanopia
424A67

Deuteranopia
414A68



Tritanopia
374F55

Trichromacy



Original Color
3C4B68

Protanomaly
404A67

Deuteranomaly
3F4A68

Tritanomaly
394E5C

Monochromacy



Original Color
3C4B68

Achromatopsia
4A4A4A

Achromatomaly
454A55

CSS Examples

Text

The CSS property to change the color of the text to Hex 3C4B68 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 #3C4B68 looks like.

```
.text, #text, p{  
    color:#3C4B68  
}
```

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 #3C4B68 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C4B68  
}
```

Border

The CSS property to change the border of an element to Hex 3C4B68 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  
#3C4B68 }
```

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

```
.border{ border-color:#3C4B68 }
```

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

Here you see how a box with a 4 pixel #3C4B68 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C4B68; -webkit-box-shadow:4px 4px  
4px 4px #3C4B68; box-shadow:4px 4px 4px  
4px #3C4B68 }
```

Background

The CSS property to change the background color of an element to Hex 3C4B68 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C4B68 }
```

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

```
.background{ background-color:#3C4B68 }
```

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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