

Converting Colors

Hex(3C8468)

Have a look what the booklet for
Hex(3C8468) contains.

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Color

Hex(3C8468)

Conversions

Conversions Part 1

Format	Color
Hex	3C8468
RGB	60, 132, 104
RGB Percent	24%, 52%, 41%
CMY	0.7647, 0.4824, 0.5922
CMYK	0.55, 0.00, 0.21, 0.48
HSL	157°, 38%, 38%
HSV	157°, 55%, 52%
XYZ	12.6134, 18.4627, 15.9956
YIQ	107.2800, -33.9240, -23.9720

Conversions

Conversions Part 2

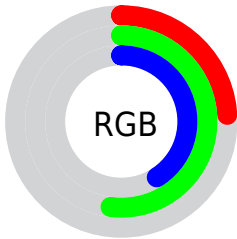
Format	Color
R_{YB}	60, 105, 132
Decimal	3966056
CIE _{Lab}	50.05, -29.67, 8.35
CIE _{LCh}	50, 30.827, 164.277
Yxy	18.4627, 0.2680, 0.3922
Android (android.graphics.Color)	4282156136 (0xFF3C8468)
YUV	107.2800, -1.6170, -41.4646
Hunter-Lab	42.9682, -22.7952, 8.0062

Details

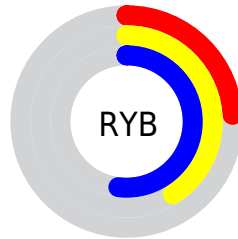
The Hex color **3C8468** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **843C58**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **71BA9B**, and **005239** is the 20% darker color. If you saturate the color by 10%, you get **2F8463**, and if you desaturate by 10%, it is **49846D**.

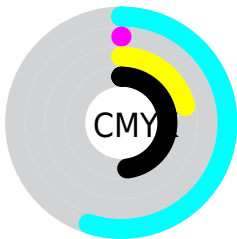
Distribution



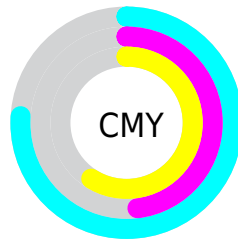
- Red (24%)
- Green (52%)
- Blue (41%)



- Red (24%)
- Yellow (41%)
- Blue (52%)



- Cyan (55%)
- Magenta (0%)
- Yellow (21%)
- Black (48%)



- Cyan (76%)
- Magenta (48%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3C8468 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 3C8468 by changing the saturation by 10% instead.



3C8468



3C8468

FFFFFF



206A50



71BA9B



005239



8CD5B6



003A23



A8F2D2



00250E



C4FFEE



000000



E0FFFF

FEFFFF



3C8468



3C8468



2F8463



49846D

■ 22845E

■ 568472

■ 148459

■ 648477

■ 078453

■ 71847D

■ 008451

■ 7E8482

■ 8B8487

■ 98848C

■ A68491

■ B38496

Harmonies

Analogous

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



5E8051



3C8468



088583

Triad

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



3C8468



6575AA



A56854

Complementary

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



3C8468



843C58

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.



AA636B



3C8468



8A6C9D

Square

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



3C8468



357EA9



A16486



947145

Rectangle

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



3C8468



008494



A16486



A8665B

Sweetspot

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



3C8468



90ABA0



59843C



465750



D6D6D6



575757

Same Dimension

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



3C8468



3CAB80



3C7D84



3C4240



00824F



000302

Inverse Universe

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



843C58



AB3C67



84433C



423C3E



820033



030001

Previews

White Background



This preview shows how the Hex color 3C8468 looks on a white background.

Color Contrast Check

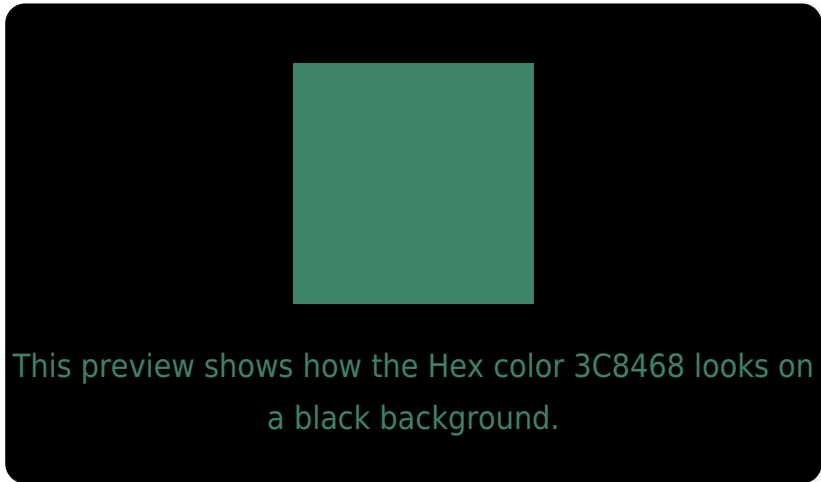
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

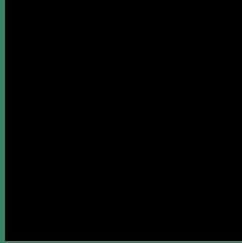
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 3C8468 Background



This preview shows how black text looks on a background with the Hex color 3C8468.

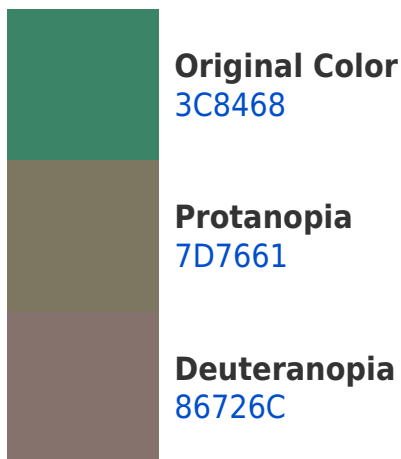


This preview shows how white text looks on a background with the Hex color 3C8468.

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





Tritanopia
467F8A

Trichromacy



Original Color
3C8468

Protanomaly
657B64

Deuteranomaly
6B796B

Tritanomaly
42817E

Monochromacy



Original Color
3C8468

Achromatopsia
6B6B6B

Achromatomaly
5A746A

CSS Examples

Text

The CSS property to change the color of the text to Hex 3C8468 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 #3C8468 looks like.

```
.text, #text, p{  
    color:#3C8468  
}
```

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 #3C8468 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C8468
}
```

Border

The CSS property to change the border of an element to Hex 3C8468 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
#3C8468 }
```

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

```
.border{ border-color:#3C8468 }
```

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

Here you see how a box with a 4 pixel #3C8468 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C8468; -webkit-box-shadow:4px 4px  
4px 4px #3C8468; box-shadow:4px 4px 4px  
4px #3C8468 }
```

Background

The CSS property to change the background color of an element to Hex 3C8468 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C8468 }
```

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

```
.background{ background-color:#3C8468 }
```

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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