

# Converting Colors

Hex(3C6942)

Have a look what the booklet for  
Hex(3C6942) contains.

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**Color**

**Hex(3C6942)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3C6942
RGB	60, 105, 66
RGB Percent	24%, 41%, 26%
CMY	0.7647, 0.5882, 0.7412
CMYK	0.43, 0.00, 0.37, 0.59
HSL	128°, 27%, 32%
HSV	128°, 43%, 41%
XYZ	7.8984, 11.4572, 6.9494
YIQ	87.0990, -14.3010, -21.6690

# Conversions

## Conversions Part 2

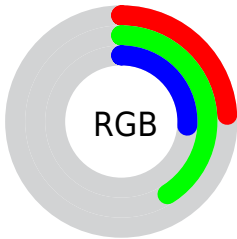
<b>Format</b>	<b>Color</b>
<b>RYB</b>	60, 100, 105
Decimal	3959106
CIELab	40.34, -24.65, 17.21
CIELCh	40, 30.067, 145.081
Yxy	11.4572, 0.3003, 0.4356
Android (android.graphics.Color)	4282149186 (0xFF3C6942)
YUV	87.0990, -10.4018, -23.7658
Hunter-Lab	33.8484, -17.5823, 11.5211

# Details

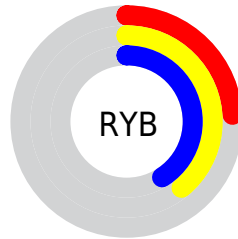
The Hex color **3C6942** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **693C63**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **6E9D72**, and **0A3916** is the 20% darker color. If you saturate the color by 10%, you get **316939**, and if you desaturate by 10%, it is **47694B**.

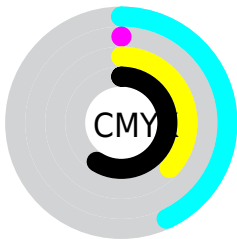
# Distribution



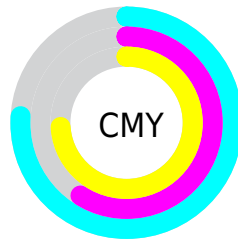
- Red (24%)
- Green (41%)
- Blue (26%)



- Red (24%)
- Yellow (39%)
- Blue (41%)



- Cyan (43%)
- Magenta (0%)
- Yellow (37%)
- Black (59%)



- Cyan (76%)
- Magenta (59%)
- Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3C6942 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 3C6942 by changing the saturation by 10% instead.





3C6942



3C6942

FFFFFF



24512C



6E9D72



0A3916



88B88C



002400



A3D3A6



000200



BEF0C2



000000



DAFFDE



F7FFFA



3C6942



3C6942



316939



47694B

■ 276930

■ 516954

■ 1C6927

■ 5C695D

■ 12691E

■ 666966

■ 076914

■ 716970

■ 00690E

■ 7B6979

■ 856982

■ 90698B

■ 9B6994

# Harmonies

## Analogous

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



596431



3C6942



0E6C5A

# Triad

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



3C6942



2D6390



8E4C4C

# Complementary

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



3C6942



693C63

# 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.



8B4B64



3C6942



5B5A8C

# Square

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



3C6942



006987



7A517C



845337

# Rectangle

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



3C6942



006C6B



7A517C



8E4B54



# Sweetspot

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



3C6942



788A7A



63693C



3A453B



C4C4C4



454545



# Same Dimension

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



3C6942



438A4D



3C6959



303631



007510



00F521



# Inverse Universe

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



693C63



8A4380



693C4D



363035



750066

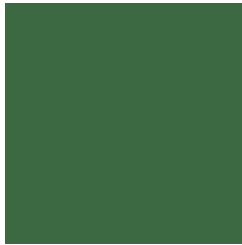


F500D4



# Previews

## White Background



This preview shows how the Hex color 3C6942 looks on a white background.

## Color Contrast Check

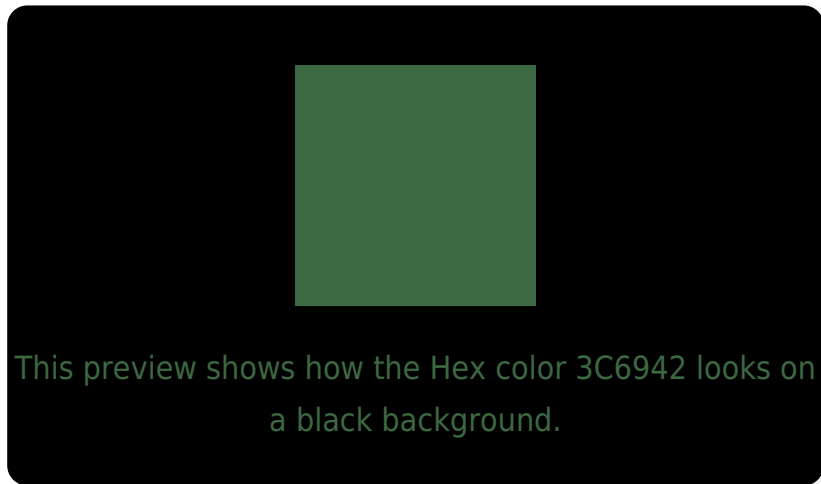
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

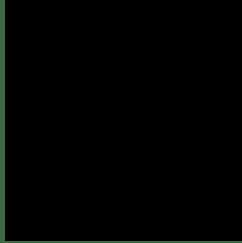
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3C6942 Background



This preview shows how black text looks on a background with the Hex color 3C6942.



This preview shows how white text looks on a background with the Hex color 3C6942.

# 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**  
3C6942

**Protanopia**  
675F3E

**Deuteranopia**  
705B45



**Tritanopia**  
45646C

# Trichromacy



**Original Color**  
3C6942

**Protanomaly**  
57633F

**Deuteranomaly**  
5D6044

**Tritanomaly**  
42665D

# Monochromacy



**Original Color**  
3C6942

**Achromatopsia**  
575757

**Achromatomaly**  
4D5E4F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3C6942 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 #3C6942 looks like.

```
.text, #text, p{  
    color:#3C6942  
}
```

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 #3C6942 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C6942
}
```

## Border

The CSS property to change the border of an element to Hex 3C6942 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
#3C6942 }
```

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

```
.border{ border-color:#3C6942 }
```

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

Here you see how a box with a 4 pixel #3C6942 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C6942; -webkit-box-shadow:4px 4px  
4px 4px #3C6942; box-shadow:4px 4px 4px  
4px #3C6942 }
```

# Background

The CSS property to change the background color of an element to Hex 3C6942 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C6942 }
```

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

```
.background{ background-color:#3C6942 }
```

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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