

Converting Colors

Hex(3C6338)

Have a look what the booklet for
Hex(3C6338) contains.

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Color

Hex(3C6338)

Conversions

Conversions Part 1

Format	Color
Hex	3C6338
RGB	60, 99, 56
RGB Percent	24%, 39%, 22%
CMY	0.7647, 0.6118, 0.7804
CMYK	0.39, 0.00, 0.43, 0.61
HSL	114°, 28%, 30%
HSV	114°, 43%, 39%
XYZ	7.0391, 10.1699, 5.3334
YIQ	82.4370, -9.4410, -21.6410

Conversions

Conversions Part 2

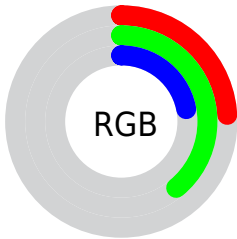
Format	Color
RYB	56, 99, 95
Decimal	3957560
CIELab	38.15, -23.41, 20.18
CIElCh	38, 30.908, 139.246
Yxy	10.1699, 0.3123, 0.4511
Android (android.graphics.Color)	4282147640 (0xFF3C6338)
YUV	82.4370, -13.0334, -19.6772
Hunter-Lab	31.8902, -16.4076, 12.4074

Details

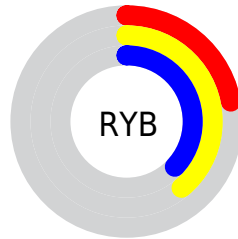
The Hex color **3C6338** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **5F3863**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **6D9668**, and **0C340C** is the 20% darker color. If you saturate the color by 10%, you get **33632E**, and if you desaturate by 10%, it is **456342**.

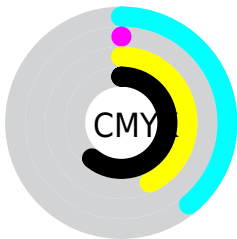
Distribution



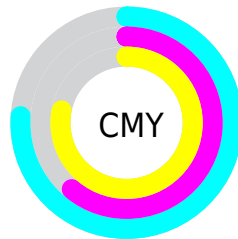
- Red (24%)
- Green (39%)
- Blue (22%)



- Red (22%)
- Yellow (39%)
- Blue (37%)



- Cyan (39%)
- Magenta (0%)
- Yellow (43%)
- Black (61%)



- Cyan (76%)
- Magenta (61%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3C6338 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 3C6338 by changing the saturation by 10% instead.



3C6338



3C6338

FFFFFF



244B22



6D9668



0C340C



87B181



002000



A2CC9B



000000



BDE9B6



D9FFD2



F6FFEE



3C6338



3C6338



33632E



456342

■ 2A6324

■ 4E634C

■ 21631A

■ 576356

■ 186310

■ 606360

■ 0F6306

■ 69636A

■ 096300

■ 726373

■ 7B637D

■ 846387

■ 8D6391

Harmonies

Analogous

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



595D29



3C6338



0E6650

Triad

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



3C6338



115F8B



89464B

Complementary

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



3C6338



5F3863

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.



844664



3C6338



4D5789

Square

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



3C6338



00647F



704D7B



824C35

Rectangle

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



3C6338



006761



704D7B



894553

Sweetspot

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



3C6338



70806F



635F38



364036



BFBFBF



404040

Same Dimension

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



3C6338



43803D



386349



2C302C



0A7000



16F000

Inverse Universe

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



5F3863



793D80



633852



302C30



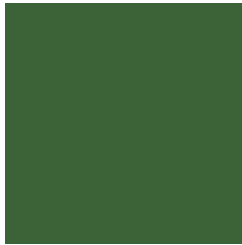
660070



D900F0

Previews

White Background



This preview shows how the Hex color 3C6338 looks on a white background.

Color Contrast Check

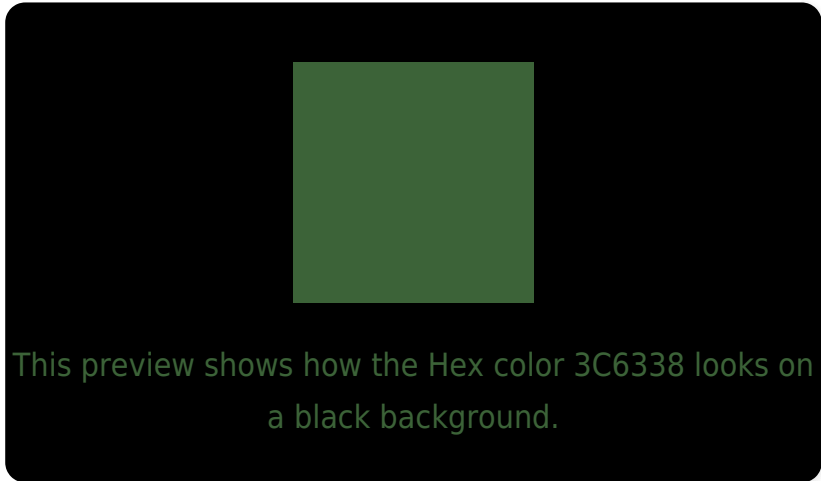
Large Text (above 18pt) WCAG AA ✓ Pass

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 3C6338 Background



This preview shows how black text looks on a background with the Hex color 3C6338.



This preview shows how white text looks on a background with the Hex color 3C6338.

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
3C6338

Protanopia
625934

Deuteranopia
6B563B



Tritanopia
455E65

Trichromacy



Original Color
3C6338

Protanomaly
545D35

Deuteranomaly
5A5B3A

Tritanomaly
426055

Monochromacy



Original Color
3C6338

Achromatopsia
525252

Achromatomaly
4A5849

CSS Examples

Text

The CSS property to change the color of the text to Hex 3C6338 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 #3C6338 looks like.

```
.text, #text, p{  
    color:#3C6338  
}
```

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 #3C6338 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C6338
}
```

Border

The CSS property to change the border of an element to Hex 3C6338 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
#3C6338 }
```

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

```
.border{ border-color:#3C6338 }
```

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

Here you see how a box with a 4 pixel #3C6338 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C6338; -webkit-box-shadow:4px 4px  
4px 4px #3C6338; box-shadow:4px 4px 4px  
4px #3C6338 }
```

Background

The CSS property to change the background color of an element to Hex 3C6338 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C6338 }
```

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

```
.background{ background-color:#3C6338 }
```

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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