

Converting Colors

Hex(3C3644)

Have a look what the booklet for
Hex(3C3644) contains.

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Color

Hex(3C3644)

Conversions

Conversions Part 1

Format	Color
Hex	3C3644
RGB	60, 54, 68
RGB Percent	24%, 21%, 27%
CMY	0.7647, 0.7882, 0.7333
CMYK	0.12, 0.21, 0.00, 0.73
HSL	266°, 11%, 24%
HSV	266°, 21%, 27%
XYZ	4.2260, 4.0163, 6.0213
YIQ	57.3900, -0.9180, 5.6260

Conversions

Conversions Part 2

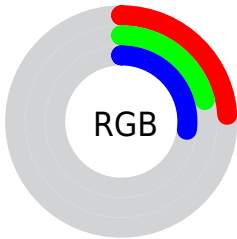
Format	Color
RYB	60, 54, 68
Decimal	3946052
CIELab	23.73, 5.90, -7.71
CIELCh	24, 9.707, 307.458
Yxy	4.0163, 0.2963, 0.2816
Android (android.graphics.Color)	4282136132 (0xFF3C3644)
YUV	57.3900, 5.2307, 2.2890
Hunter-Lab	20.0408, 2.5691, -3.7853

Details

The Hex color **3C3644** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3E4436**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **6B6574**, and **120A19** is the 20% darker color. If you saturate the color by 10%, you get **382F44**, and if you desaturate by 10%, it is **403D44**.

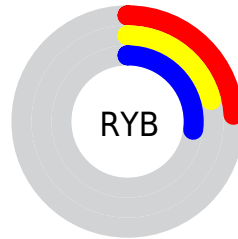
Distribution



 Red (24%)

 Green (21%)

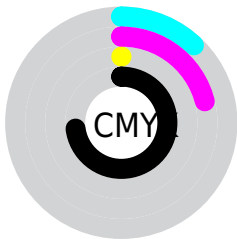
 Blue (27%)



 Red (24%)

 Yellow (21%)

 Blue (27%)

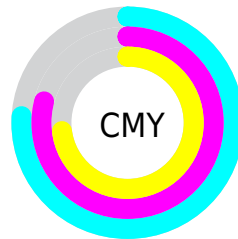


 Cyan (12%)

 Magenta (21%)

 Yellow (0%)

 Black (73%)



 Cyan (76%)

 Magenta (79%)

 Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3C3644 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 3C3644 by changing the saturation by 10% instead.



3C3644



3C3644

FFFFFF



26212E



6B6574



120A19



857E8E



000000



9F97A8



BAB2C3



D5CEDF



F2EAFC



3C3644



3C3644



382F44



403D44

■ 342844

■ 444444

■ 302244

■ 484A44

■ 2C1B44

■ 4C5144

■ 291444

■ 4F5844

■ 250D44

■ 535F44

■ 210644

■ 576644

■ 1D0044

■ 5B6C44

■ 5F7344

Harmonies

Analogous

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



323847



3C3644



43343E

Triad

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



3C3644



43362B



263D3A

Complementary

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



3C3644



3E4436

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.



2C3C33



3C3644



3C392A

Square

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



3C3644



473430



343B2D



243C41

Rectangle

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



3C3644



463339



343B2D



273D38

Sweetspot

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



3C3644



565459



363E44



2C2B2E



ADADAD



2E2E2E

Same Dimension

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



3C3644



4D4359



433644



1F1E21



2A0061



6000E0

Inverse Universe

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



44363E



594350



374436



211E20



610037



E00080

Previews

White Background



This preview shows how the Hex color 3C3644 looks on a white background.

Color Contrast Check

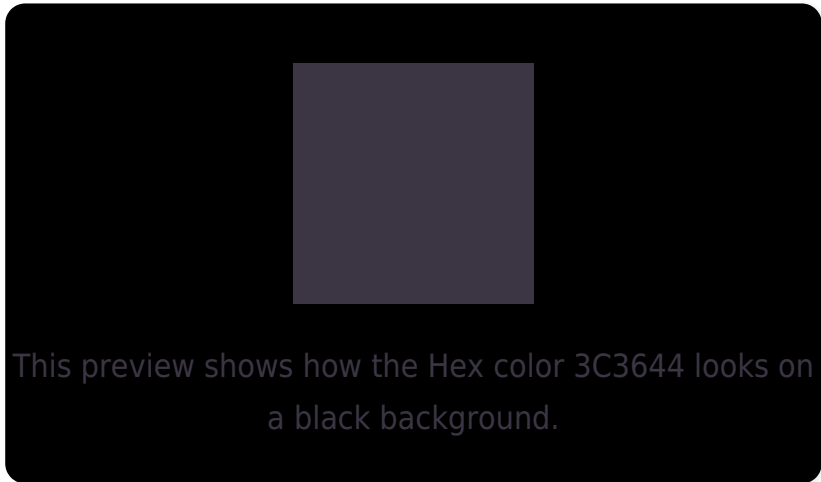
Large Text (above 18pt) WCAG AA ✓ Pass

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

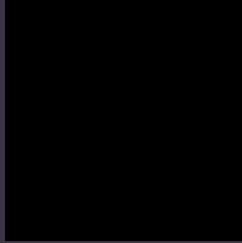
Any Text WCAG AA × Fail

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 3C3644 Background



This preview shows how black text looks on a background with the Hex color 3C3644.



This preview shows how white text looks on a background with the Hex color 3C3644.

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
3C3644

Protanopia
353845

Deuteranopia
383744



Tritanopia
3B373C

Trichromacy



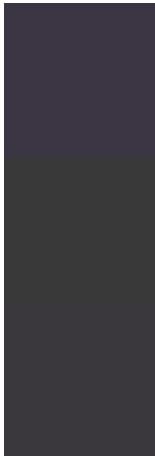
Original Color
3C3644

Protanomaly
383745

Deuteranomaly
393744

Tritanomaly
3B373F

Monochromacy



Original Color
3C3644

Achromatopsia
393939

Achromatomaly
3A383D

CSS Examples

Text

The CSS property to change the color of the text to Hex 3C3644 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 #3C3644 looks like.

```
.text, #text, p{  
    color:#3C3644  
}
```

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 #3C3644 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C3644
}
```

Border

The CSS property to change the border of an element to Hex 3C3644 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
#3C3644 }
```

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

```
.border{ border-color:#3C3644 }
```

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

Here you see how a box with a 4 pixel #3C3644 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C3644; -webkit-box-shadow:4px 4px  
4px 4px #3C3644; box-shadow:4px 4px 4px  
4px #3C3644 }
```

Background

The CSS property to change the background color of an element to Hex 3C3644 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C3644 }
```

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

```
.background{ background-color:#3C3644 }
```

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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