

Converting Colors

Hex(36413D)

Have a look what the booklet for
Hex(36413D) contains.

Hex(36413D)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(36413D)

Conversions

Conversions Part 1

Format	Color
Hex	36413D
RGB	54, 65, 61
RGB Percent	21%, 25%, 24%
CMY	0.7882, 0.7451, 0.7608
CMYK	0.17, 0.00, 0.06, 0.75
HSL	158°, 9%, 23%
HSV	158°, 17%, 25%
XYZ	4.2539, 4.9018, 5.1368
YIQ	61.2550, -5.2720, -3.5760

Conversions

Conversions Part 2

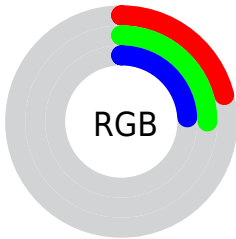
Format	Color
R_{YB}	54, 61, 65
Decimal	3555645
CIE _{Lab}	26.45, -5.46, 0.93
CIE _{LCh}	26, 5.543, 170.364
Yxy	4.9018, 0.2976, 0.3430
Android (android.graphics.Color)	4281745725 (0xFF36413D)
YUV	61.2550, -0.1257, -6.3626
Hunter-Lab	22.1400, -4.4484, 1.7418

Details

The Hex color **36413D** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **41363A**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **65716C**, and **0A1713** is the 20% darker color. If you saturate the color by 10%, you get **30413B**, and if you desaturate by 10%, it is **3D413F**.

Distribution



Red (21%)

Green (25%)

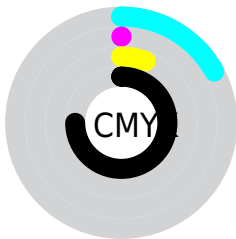
Blue (24%)



Red (21%)

Yellow (24%)

Blue (25%)

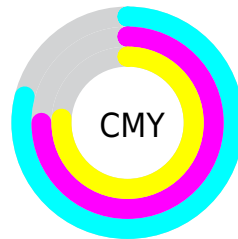


Cyan (17%)

Magenta (0%)

Yellow (6%)

Black (75%)



Cyan (79%)

Magenta (75%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 36413D 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 36413D by changing the saturation by 10% instead.

■ 36413D

■ 36413D

FFFFFF

■ 212B27

■ 65716C

■ 0A1713

■ 7E8A86

■ 000000

■ 98A5A0

■ B2C0BB

■ CEDBD6

■ EAF8F3

■ 36413D

■ 36413D

■ 30413B

■ 3D413F

■ 294138

■ 434142

■ 234136

■ 4A4144

■ 1C4134

■ 504146

■ 164131

■ 574149

■ 0F412F

■ 5D414B

■ 08412C

■ 63414E

■ 02412A

■ 6A4150

■ 004129

■ 714152

Harmonies

Analogous

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



3A4039



36413D



344141

Triad

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



36413D



3E3E46



473D38

Complementary

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



36413D



41363A

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.



483C3C



36413D



433D44

Square

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



36413D



393F47



463C40



433E36

Rectangle

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



36413D



344144



463C40



473C39

Sweetspot

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



36413D



505453



3A4136



292B2A



ABABAB



2B2B2B

Same Dimension

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



36413D



43544E



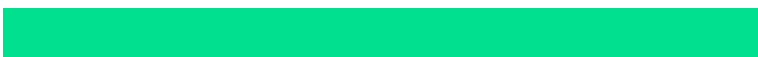
364041



1E2120



00613E



00E08F

Inverse Universe

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



41363A



544349



413736



211E1F



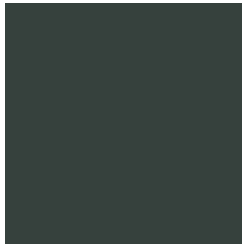
610023



E00052

Previews

White Background



This preview shows how the Hex color 36413D looks on a white background.

Color Contrast Check

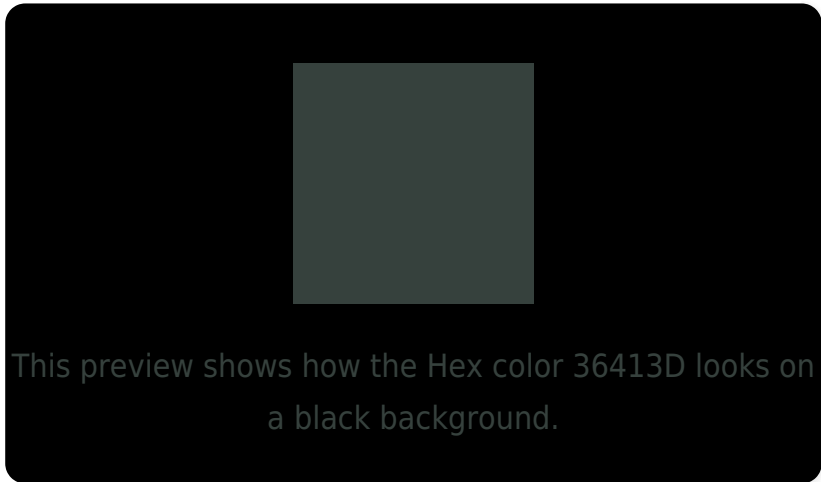
Large Text (above 18pt) WCAG AA ✓ Pass

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

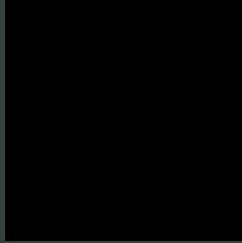
Any Text WCAG AA × Fail

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 36413D Background



This preview shows how black text looks on a background with the Hex color 36413D.



This preview shows how white text looks on a background with the Hex color 36413D.

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
36413D

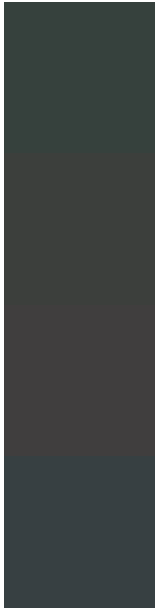
Protanopia
403E3B

Deuteranopia
453C3E



Tritanopia
374045

Trichromacy



Original Color

36413D

Protanomaly

3C3F3C

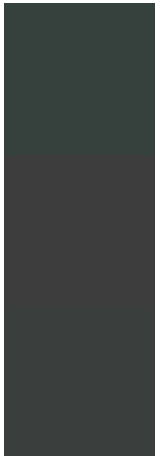
Deuteranomaly

403E3E

Tritanomaly

374042

Monochromacy



Original Color

36413D

Achromatopsia

3D3D3D

Achromatomaly

3A3E3D

CSS Examples

Text

The CSS property to change the color of the text to Hex 36413D 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 #36413D looks like.

```
.text, #text, p{  
    color:#36413D  
}
```

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 #36413D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #36413D
}
```

Border

The CSS property to change the border of an element to Hex 36413D is called "border". The border property can be set on classes, ids or directly on the HTML element.

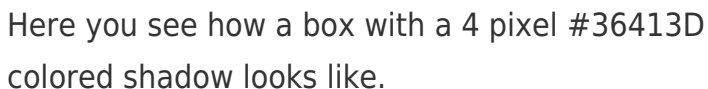
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#36413D }
```

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

```
.border{ border-color:#36413D }
```

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



Here you see how a box with a 4 pixel #36413D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #36413D; -webkit-box-shadow:4px 4px  
4px 4px #36413D; box-shadow:4px 4px 4px  
4px #36413D }
```

Background

The CSS property to change the background color of an element to Hex 36413D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#36413D }
```

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

```
.background{ background-color:#36413D }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor