

Converting Colors

Hex(36634E)

Have a look what the booklet for
Hex(36634E) contains.

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Color

Hex(36634E)

Conversions

Conversions Part 1

Format	Color
Hex	36634E
RGB	54, 99, 78
RGB Percent	21%, 39%, 31%
CMY	0.7882, 0.6118, 0.6941
CMYK	0.45, 0.00, 0.21, 0.61
HSL	152°, 29%, 30%
HSV	152°, 45%, 39%
XYZ	7.3583, 10.2580, 8.7999
YIQ	83.1510, -20.0790, -16.0710

Conversions

Conversions Part 2

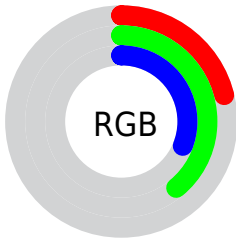
Format	Color
RYB	54, 83, 99
Decimal	3564366
CIELab	38.30, -20.96, 7.15
CIELCh	38, 22.146, 161.157
Yxy	10.2580, 0.2786, 0.3883
Android (android.graphics.Color)	4281754446 (0xFF36634E)
YUV	83.1510, -2.5394, -25.5654
Hunter-Lab	32.0281, -15.0397, 6.1294

Details

The Hex color **36634E** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **63364B**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **67967F**, and **043422** is the 20% darker color. If you saturate the color by 10%, you get **2C6349**, and if you desaturate by 10%, it is **406353**.

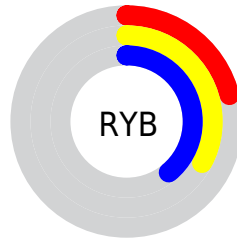
Distribution



Red (21%)

Green (39%)

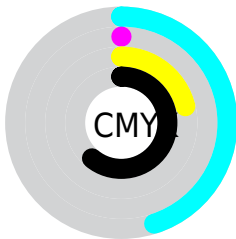
Blue (31%)



Red (21%)

Yellow (33%)

Blue (39%)

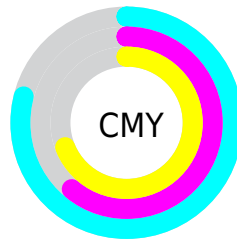


Cyan (45%)

Magenta (0%)

Yellow (21%)

Black (61%)



Cyan (79%)

Magenta (61%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 36634E 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 36634E by changing the saturation by 10% instead.

 36634E

 36634E

FFFFFF

 1E4B37

 67967F

 043422

 81B199

 001F0C

 9CCCB4

 000000

 B7E9CF

 D3FFE8

 F0FFFF

 36634E

 36634E

 2C6349

 406353

■ 226345

■ 4A6357

■ 186340

■ 54635C

■ 0E633C

■ 5E6360

■ 046337

■ 686365

■ 006335

■ 71636A

■ 7B636E

■ 856373

■ 8F6378

Harmonies

Analogous

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



4C603F



36634E



206460

Triad

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



36634E



4C5A7D



7B4F43

Complementary

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



36634E



63364B

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.



7D4C54



36634E



655375

Square

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



36634E



2F5F7C



764E66



705538

Rectangle

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



36634E



17636C



764E66



7D4E49

Sweetspot

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



36634E



6E8077



4B6336



35403B



BFBFBF



404040

Same Dimension

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



36634E



39805F



366263



2C302E



00703C



00F080

Inverse Universe

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



63364B



80395A



633836



302C2E



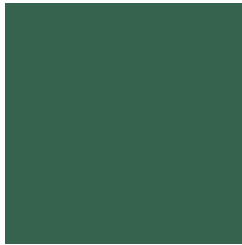
700034



F00070

Previews

White Background



This preview shows how the Hex color 36634E looks on a white background.

Color Contrast Check

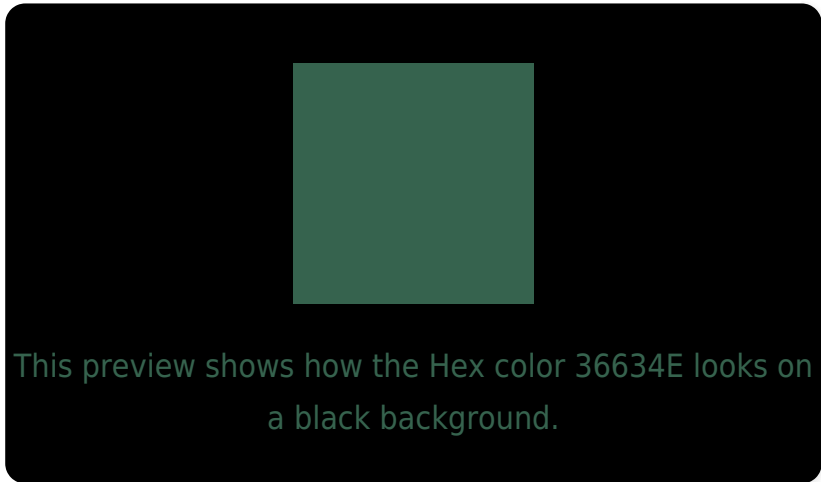
Large Text (above 18pt) WCAG AA ✓ Pass

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

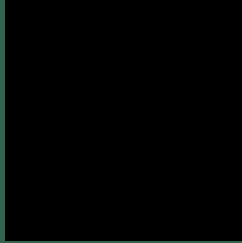
Any Text WCAG AA × Fail

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 36634E Background



This preview shows how black text looks on a background with the Hex color 36634E.



This preview shows how white text looks on a background with the Hex color 36634E.

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
36634E

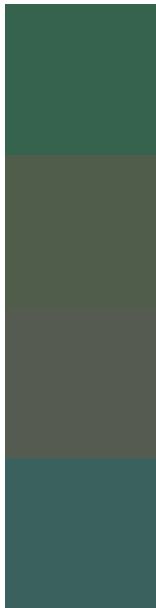
Protanopia
5F5A49

Deuteranopia
665751



Tritanopia
3C6067

Trichromacy



Original Color
36634E

Protanomaly
505D4B

Deuteranomaly
555B50

Tritanomaly
3A615E

Monochromacy



Original Color
36634E

Achromatopsia
535353

Achromatomaly
485951

CSS Examples

Text

The CSS property to change the color of the text to Hex 36634E 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 #36634E looks like.

```
.text, #text, p{  
    color:#36634E  
}
```

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 #36634E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #36634E
}
```

Border

The CSS property to change the border of an element to Hex 36634E 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".

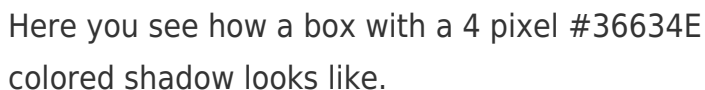
```
.border, #border, table{ border:4px solid
#36634E }
```

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

```
.border{ border-color:#36634E }
```

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

Here you see how a box with a 4 pixel #36634E colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #36634E; -webkit-box-shadow:4px 4px  
4px 4px #36634E; box-shadow:4px 4px 4px  
4px #36634E }
```

Background

The CSS property to change the background color of an element to Hex 36634E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#36634E }
```

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

```
.background{ background-color:#36634E }
```

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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