

Converting Colors

Hex(40634E)

Have a look what the booklet for
Hex(40634E) contains.

Hex(40634E)	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(40634E)

Conversions

Conversions Part 1

Format	Color
Hex	40634E
RGB	64, 99, 78
RGB Percent	25%, 39%, 31%
CMY	0.7490, 0.6118, 0.6941
CMYK	0.35, 0.00, 0.21, 0.61
HSL	144°, 21%, 32%
HSV	144°, 35%, 39%
XYZ	7.9513, 10.5637, 8.8277
YIQ	86.1410, -14.1190, -13.9510

Conversions

Conversions Part 2

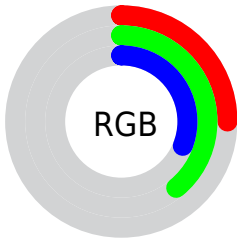
Format	Color
RYB	64, 89, 99
Decimal	4219726
CIELab	38.84, -17.68, 7.98
CIELCh	39, 19.402, 155.704
Yxy	10.5637, 0.2908, 0.3863
Android (android.graphics.Color)	4282409806 (0xFF40634E)
YUV	86.1410, -4.0135, -19.4177
Hunter-Lab	32.5019, -13.2096, 6.6479

Details

The Hex color **40634E** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **634055**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **71967F**, and **123422** is the 20% darker color. If you saturate the color by 10%, you get **366348**, and if you desaturate by 10%, it is **4A6354**.

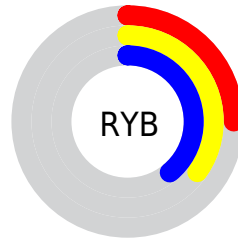
Distribution



 Red (25%)

 Green (39%)

 Blue (31%)



 Red (25%)

 Yellow (35%)

 Blue (39%)

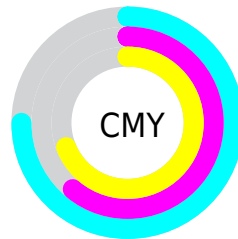


 Cyan (35%)


 Magenta (0%)

 Yellow (21%)

 Black (61%)



 Cyan (75%)

 Magenta (61%)

 Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 40634E 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 40634E by changing the saturation by 10% instead.

 40634E

 40634E

FFFFFF

 294B37

 71967F

 123422

 8BB199

 001F0C

 A5CCB4

 000000

 C1E8CF

 DDFFE0

DDFFEC

 FAE0E0

FAFFFF

 40634E

 40634E

 366348

 4A6354

■ 2C6342

■ 54635A

■ 22633C

■ 5E6360

■ 186336

■ 686366

■ 0E6330

■ 72636C

■ 05632A

■ 7B6372

■ 006328

■ 856378

■ 8F637E

■ 996383

Harmonies

Analogous

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



526041



40634E



2F645E

Triad

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



40634E



4B5C7B



7A524A

Complementary

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



40634E



634055

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.



7A5059



40634E



625675

Square

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



40634E



356178



725269



71563F

Rectangle

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



40634E



296469



725269



7B514F

Sweetspot

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



40634E



718077



556340



37403B



BFBFBF



404040

Same Dimension

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



40634E



4A805F



406360



2C302E



00702D



00F060

Inverse Universe

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



634055



804A6A



634044



302C2F



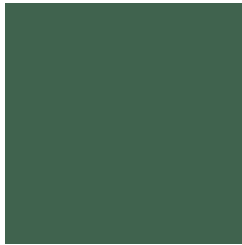
700043



F00090

Previews

White Background



This preview shows how the Hex color 40634E looks on a white background.

Color Contrast Check

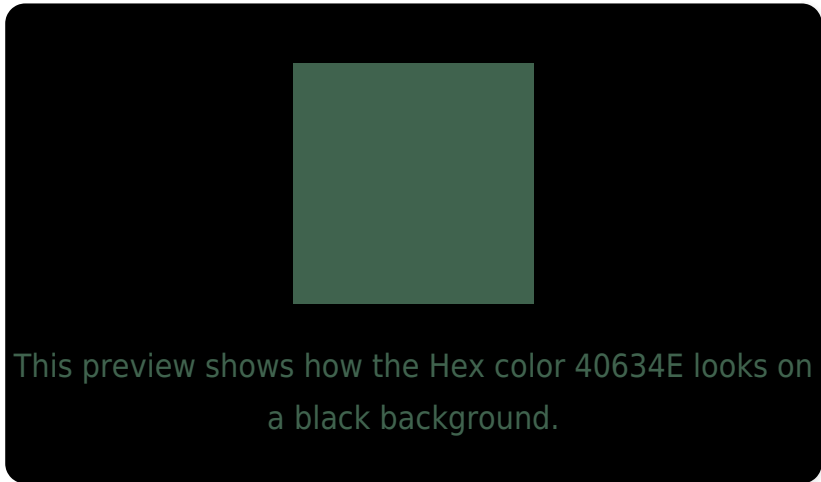
Large Text (above 18pt) WCAG AA ✓ Pass

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

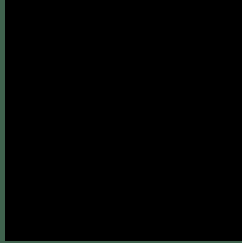
Any Text WCAG AA × Fail

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 40634E Background



This preview shows how black text looks on a background with the Hex color 40634E.



This preview shows how white text looks on a background with the Hex color 40634E.

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
40634E

Protanopia
615B4A

Deuteranopia
685850



Tritanopia
456067

Trichromacy



Original Color
40634E

Protanomaly
555E4B

Deuteranomaly
595C4F

Tritanomaly
43615E

Monochromacy



Original Color
40634E

Achromatopsia
565656

Achromatomaly
4E5B53

CSS Examples

Text

The CSS property to change the color of the text to Hex 40634E 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 #40634E looks like.

```
.text, #text, p{  
    color:#40634E  
}
```

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 #40634E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #40634E
}
```

Border

The CSS property to change the border of an element to Hex 40634E 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
#40634E }
```

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

```
.border{ border-color:#40634E }
```

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

Here you see how a box with a 4 pixel #40634E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #40634E; -webkit-box-shadow:4px 4px  
4px 4px #40634E; box-shadow:4px 4px 4px  
4px #40634E }
```

Background

The CSS property to change the background color of an element to Hex 40634E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#40634E }
```

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

```
.background{ background-color:#40634E }
```

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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