

Converting Colors

Hex(40834E)

Have a look what the booklet for
Hex(40834E) contains.

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Color

Hex(40834E)

Conversions

Conversions Part 1	
Format	Color
Hex	40834E
RGB	64, 131, 78
RGB Percent	25%, 51%, 31%
CMY	0.7490, 0.4863, 0.6941
CMYK	0.51, 0.00, 0.40, 0.49
HSL	133°, 34%, 38%
HSV	133°, 51%, 51%
XYZ	11.6058, 17.8726, 10.0458
YIQ	104.9250, -22.9190, -30.6870

Conversions

Conversions Part 2

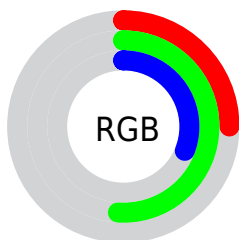
Format	Color
RYB	64, 119, 131
Decimal	4227918
CIELab	49.34, -33.59, 22.28
CIELCh	49, 40.308, 146.437
Yxy	17.8726, 0.2936, 0.4522
Android (android.graphics.Color)	4282417998 (0xFF40834E)
YUV	104.9250, -13.2740, -35.8912
Hunter-Lab	42.2761, -24.9805, 15.5045

Details

The Hex color **40834E** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **834075**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **74B980**, and **035120** is the 20% darker color. If you saturate the color by 10%, you get **338344**, and if you desaturate by 10%, it is **4D8358**.

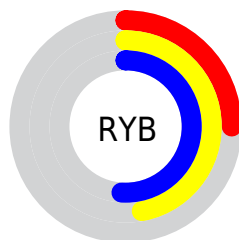
Distribution



Red (25%)

Green (51%)

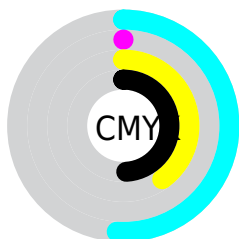
Blue (31%)



Red (25%)

Yellow (47%)

Blue (51%)

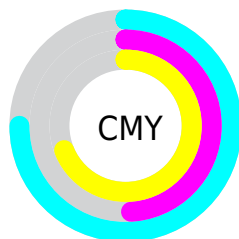


Cyan (51%)

Magenta (0%)

Yellow (40%)

Black (49%)



Cyan (75%)

Magenta (49%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 40834E 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 40834E by changing the saturation by 10% instead.

 40834E

 40834E

FFFFFF

 256937

 74B980

 035120

 8FD49A

 00390A

 ABF1B5

 002400

 C7FFD0

 000000

 E3FFED

 40834E

 40834E

 338344

 4D8358

 268339

 5A8363

 19832F

 67836D

 0C8325

 748377

 00831B

 828382

 8F838C

 9C8397

 A983A1

 B683AB

Harmonies

Analogous

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



6B7C35



40834E



008670

Triad

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



40834E



257AB9



B45B59

Complementary

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



40834E



834075

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.



B2587B



40834E



716EB3

Square

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



40834E



0082AE



9C619C



A6653D

Rectangle

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



40834E



008788



9C619C



B55964

Sweetspot

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



40834E



91AB97



768340



47574A



D6D6D6



575757

Same Dimension

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



40834E



43AB58



40836F



3C423D



00821B



000301

Inverse Universe

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



834075



AB4395



834054



423C41



820067



030002

Previews

White Background



This preview shows how the Hex color 40834E 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



This preview shows how the Hex color 40834E looks on a black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 40834E Background



This preview shows how black text looks on a background with the Hex color 40834E.



This preview shows how white text looks on a background with the Hex color 40834E.

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
40834E

Protanopia
7F7548

Deuteranopia
8B7052

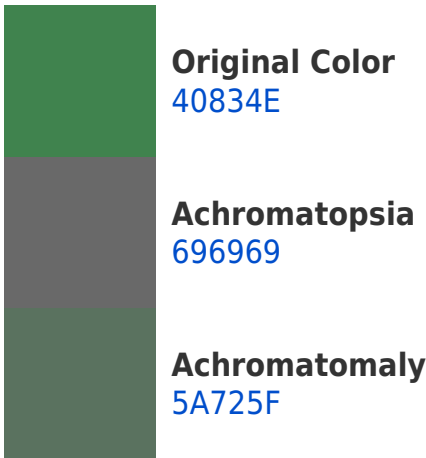


Tritanopia
4E7C86

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 40834E 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 #40834E looks like.

```
.text, #text, p{  
    color:#40834E  
}
```

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 #40834E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #40834E
}
```

Border

The CSS property to change the border of an element to Hex 40834E 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
#40834E }
```

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

```
.border{ border-color:#40834E }
```

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

Here you see how a box with a 4 pixel #40834E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #40834E; -webkit-box-shadow:4px 4px  
4px 4px #40834E; box-shadow:4px 4px 4px  
4px #40834E }
```

Background

The CSS property to change the background color of an element to Hex 40834E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#40834E }
```

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

```
.background{ background-color:#40834E }
```

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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