

Converting Colors

Hex(40304A)

Have a look what the booklet for
Hex(40304A) contains.

Hex(40304A)	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(40304A)

Conversions

Conversions Part 1

Format	Color
Hex	40304A
RGB	64, 48, 74
RGB Percent	25%, 19%, 29%
CMY	0.7490, 0.8118, 0.7098
CMYK	0.14, 0.35, 0.00, 0.71
HSL	277°, 21%, 24%
HSV	277°, 35%, 29%
XYZ	4.4073, 3.6983, 6.9601
YIQ	55.7480, 1.1900, 11.4780

Conversions

Conversions Part 2

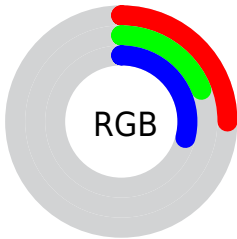
Format	Color
RYB	64, 48, 74
Decimal	4206666
CIELab	22.65, 13.05, -13.33
CIElCh	23, 18.654, 314.375
Yxy	3.6983, 0.2925, 0.2455
Android (android.graphics.Color)	4282396746 (0xFF40304A)
YUV	55.7480, 8.9982, 7.2370
Hunter-Lab	19.2310, 7.2542, -7.9967

Details

The Hex color **40304A** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **3A4A30**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **705E7B**, and **17011E** is the 20% darker color. If you saturate the color by 10%, you get **3D294A**, and if you desaturate by 10%, it is **43374A**.

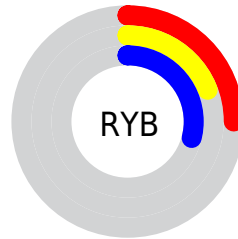
Distribution



Red (25%)

Green (19%)

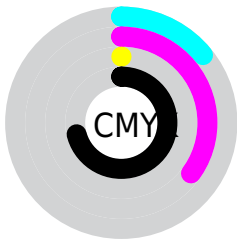
Blue (29%)



Red (25%)

Yellow (19%)

Blue (29%)

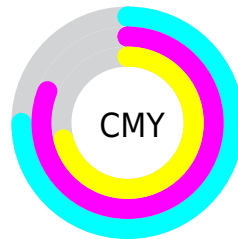


Cyan (14%)

Magenta (35%)

Yellow (0%)

Black (71%)



Cyan (75%)

Magenta (81%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 40304A 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 40304A by changing the saturation by 10% instead.

■ 40304A

■ 40304A

FFFFFF

■ 2A1B33

■ 705E7B

■ 17011E

■ 8A7795

■ 000002

■ A491AF

■ 000000

■ BFABCB

■ DBC7E7

■ F8E3FF

■ 40304A

■ 40304A

■ 3D294A

■ 43374A

■ 3A214A

■ 463F4A

■ 371A4A

■ 49464A

■ 35124A

■ 4B4E4A

■ 320B4A

■ 4E554A

■ 2F044A

■ 515C4A

■ 2E004A

■ 54644A

■ 576B4A

■ 5A734A

Harmonies

Analogous

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



2C3551



40304A



4C2C3E

Triad

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



40304A



45331B



003D3C

Complementary

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



40304A



3A4A30

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.



163D2E



40304A



38371B

Square

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



40304A



4E2E23



293B22



003C49

Rectangle

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



40304A



502B35



293B22



053D38

Sweetspot

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



40304A



5D5661



303A4A



2E2A30



B0B0B0



303030

Same Dimension

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



40304A



513861



4A3047



252226



3F0066



8D00E6

Inverse Universe

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



4A303A



613848



304A33



262224



660027



E60058

Previews

White Background



This preview shows how the Hex color 40304A looks on a white background.

Color Contrast Check

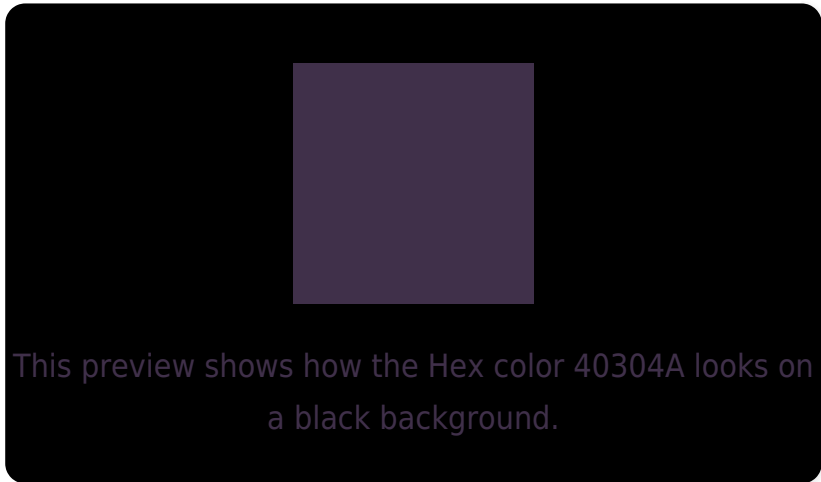
Large Text (above 18pt) WCAG AA ✓ Pass

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

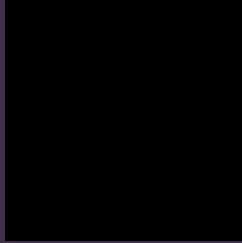
Any Text WCAG AA × Fail

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 40304A Background



This preview shows how black text looks on a background with the Hex color 40304A.



This preview shows how white text looks on a background with the Hex color 40304A.

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
40304A

Protanopia
2E354E

Deuteranopia
313549



Tritanopia
3D3438

Trichromacy



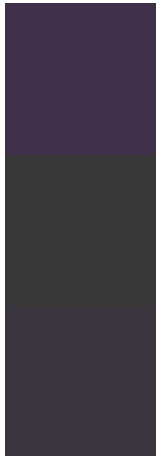
Original Color
40304A

Protanomaly
35334D

Deuteranomaly
363349

Tritanomaly
3E333F

Monochromacy



Original Color
40304A

Achromatopsia
383838

Achromatomaly
3B353F

CSS Examples

Text

The CSS property to change the color of the text to Hex 40304A 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 #40304A looks like.

```
.text, #text, p{  
    color:#40304A  
}
```

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 #40304A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #40304A
}
```

Border

The CSS property to change the border of an element to Hex 40304A 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
#40304A }
```

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

```
.border{ border-color:#40304A }
```

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

Here you see how a box with a 4 pixel #40304A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #40304A; -webkit-box-shadow:4px 4px  
4px 4px #40304A; box-shadow:4px 4px 4px  
4px #40304A }
```

Background

The CSS property to change the background color of an element to Hex 40304A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#40304A }
```

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

```
.background{ background-color:#40304A }
```

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