

Converting Colors

Hex(37304E)

Have a look what the booklet for
Hex(37304E) contains.

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Color

Hex(37304E)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 37304E |
| RGB | 55, 48, 78 |
| RGB Percent | 22%, 19%, 31% |
| CMY | 0.7843, 0.8118, 0.6941 |
| CMYK | 0.29, 0.38, 0.00, 0.69 |
| HSL | 254°, 24%, 25% |
| HSV | 254°, 38%, 31% |
| XYZ | 4.0076, 3.4762, 7.6675 |
| YIQ | 53.5130, -5.4580, 10.8140 |

Conversions

Conversions Part 2

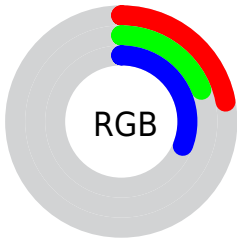
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 55, 48, 78 |
| Decimal | 3616846 |
| CIE _{Lab} | 21.86, 10.85, -17.32 |
| CIE _{LCh} | 22, 20.434, 302.061 |
| Yxy | 3.4762, 0.2645, 0.2294 |
| Android (android.graphics.Color) | 4281806926 (0xFF37304E) |
| YUV | 53.5130, 12.0721, 1.3041 |
| Hunter-Lab | 18.6445, 5.7407, -11.3315 |

Details

The Hex color **37304E** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **474E30**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **675E7F**, and **0D0022** is the 20% darker color. If you saturate the color by 10%, you get **31284E**, and if you desaturate by 10%, it is **3D384E**.

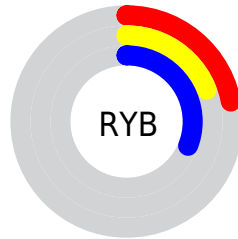
Distribution



Red (22%)

Green (19%)

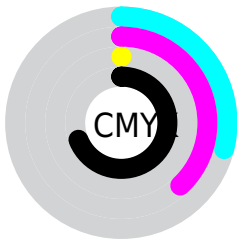
Blue (31%)



Red (22%)

Yellow (19%)

Blue (31%)

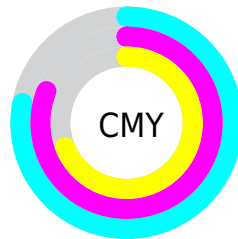


Cyan (29%)

Magenta (38%)

Yellow (0%)

Black (69%)



Cyan (78%)

Magenta (81%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 37304E 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 37304E by changing the saturation by 10% instead.

■ 37304E

■ 37304E

FFFFFF

■ 211B37

■ 675E7F

■ 0D0022

■ 807799

■ 000008

■ 9A90B4

■ 000000

■ B5ABD0

■ D1C6EC

■ EDE2FF

■ 37304E

■ 37304E

■ 31284E

■ 3D384E

■ 2B204E

■ 43404E

■ 25194E

■ 49474E

■ 1F114E

■ 4F4F4E

■ 19094E

■ 55574E

■ 13014E

■ 5B5F4E

■ 12004E

■ 61674E

■ 676E4E

■ 6D764E

Harmonies

Analogous

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



1D3652



37304E



482B43

Triad

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



37304E



492E1A



003C35

Complementary

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



37304E



474E30

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.



1A3B26



37304E



3D3415

Square

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



37304E



502A25



2D381A



003C44

Rectangle

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



37304E



4F2839



2D381A



073C30

Sweetspot

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



37304E



5D5A66



30474E



2E2C33



B3B3B3



333333

Same Dimension

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



37304E



423766



46304E



232226



180066



3600E6

Inverse Universe

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



4E3047



66375B



384E30



262225



66004E



E600B0

Previews

White Background



This preview shows how the Hex color 37304E looks on a white background.

Color Contrast Check

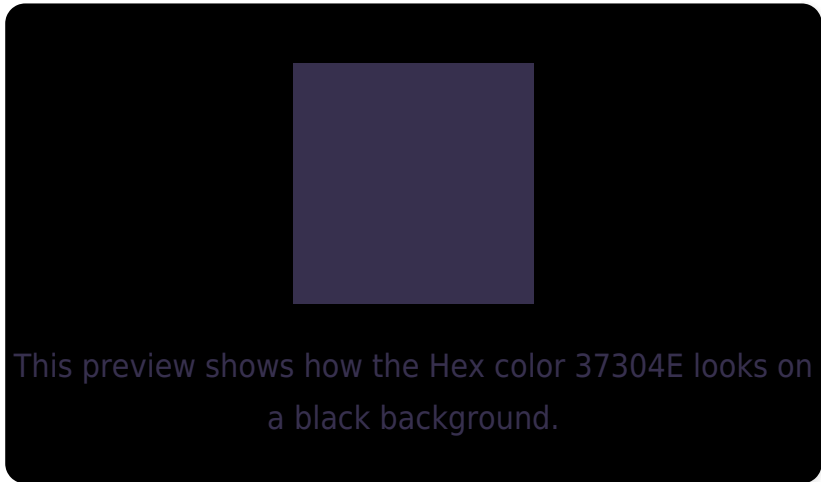
Large Text (above 18pt) WCAG AA ✓ Pass

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

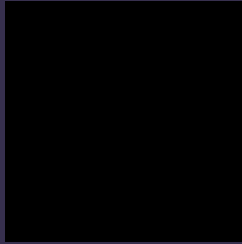
Any Text WCAG AA × Fail

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 37304E Background



This preview shows how black text looks on a background with the Hex color 37304E.



This preview shows how white text looks on a background with the Hex color 37304E.

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](#).

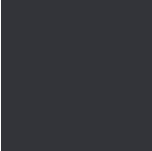
Dichromacy



Original Color
37304E

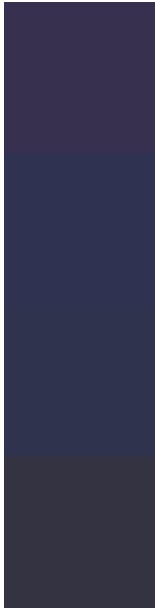
Protanopia
2A3351

Deuteranopia
2A344D



Tritanopia
333439

Trichromacy



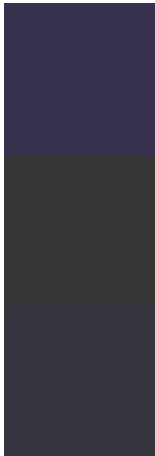
Original Color
37304E

Protanomaly
2F3250

Deuteranomaly
2F334D

Tritanomaly
343341

Monochromacy



Original Color
37304E

Achromatopsia
363636

Achromatomaly
36343F

CSS Examples

Text

The CSS property to change the color of the text to Hex 37304E 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 #37304E looks like.

```
.text, #text, p{  
    color:#37304E  
}
```

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 #37304E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #37304E
}
```

Border

The CSS property to change the border of an element to Hex 37304E is called "border". The border property can be set on classes, ids or directly on the HTML element.

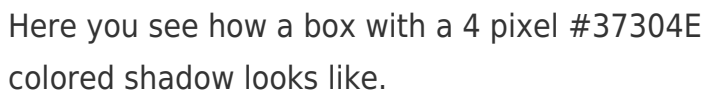
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#37304E }
```

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

```
.border{ border-color:#37304E }
```

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



Here you see how a box with a 4 pixel #37304E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #37304E; -webkit-box-shadow:4px 4px  
4px 4px #37304E; box-shadow:4px 4px 4px  
4px #37304E }
```

Background

The CSS property to change the background color of an element to Hex 37304E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#37304E }
```

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

```
.background{ background-color:#37304E }
```

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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