

Converting Colors

Hex(40172E)

Have a look what the booklet for
Hex(40172E) contains.

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Color

Hex(40172E)

Conversions

Conversions Part 1

Format	Color
Hex	40172E
RGB	64, 23, 46
RGB Percent	25%, 9%, 18%
CMY	0.7490, 0.9098, 0.8196
CMYK	0.00, 0.64, 0.28, 0.75
HSL	326°, 47%, 17%
HSV	326°, 64%, 25%
XYZ	2.9139, 1.9000, 2.7979
YIQ	37.8810, 17.0530, 15.8450

Conversions

Conversions Part 2

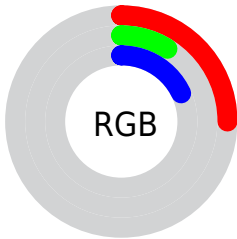
Format	Color
RYB	64, 23, 46
Decimal	4200238
CIELab	14.95, 23.07, -5.65
CIELCh	15, 23.749, 346.237
Yxy	1.9000, 0.3828, 0.2496
Android (android.graphics.Color)	4282390318 (0xFF40172E)
YUV	37.8810, 4.0027, 22.9064
Hunter-Lab	13.7842, 13.6115, -2.3858




Details

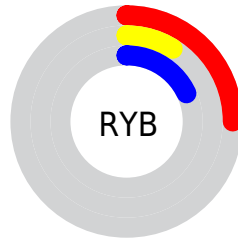
The Hex color **40172E** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **174029**, and the grayscale version is **262626**.




A 20% lighter version of the original color is **71445C**, and **030000** is the 20% darker color. If you saturate the color by 10%, you get **40112B**, and if you desaturate by 10%, it is **401D31**.

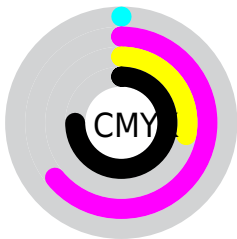
Distribution







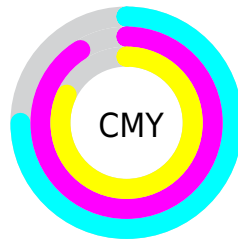
-  Red (25%)
-  Green (9%)
-  Blue (18%)






-  Red (25%)
-  Yellow (9%)
-  Blue (18%)



-  Cyan (0%)
-  Magenta (64%)
-  Yellow (28%)
-  Black (75%)



-  Cyan (75%)
-  Magenta (91%)
-  Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 40172E 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 40172E by changing the saturation by 10% instead.



40172E



40172E

FFFEFF



290019



71445C



030000



8B5C74



000000



A6758E



C28FA8



DEAAC4



FBC5DF



FFE1FC



40172E



40172E

■ 40112B

■ 401D31

■ 400A28

■ 402434

■ 400426

■ 402A36

■ 400024

■ 403139

■ 40373C

■ 403D3F

■ 404442

■ 404A44

■ 405147

Harmonies

Analogous

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



321D3D



40172E



44161D

Triad

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



40172E



272700



002D3D

Complementary

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



40172E



174029

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.



002E2E



40172E



122B0C

Square

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



40172E



352200



002D1D



002A46

Rectangle

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



40172E



421913



002D1D



002D39

Sweetspot

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



40172E



54444D



291740



2B2127



ABABAB



2B2B2B

Same Dimension

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



40172E



541338



40171A



211E20



610036



E0007E

Inverse Universe

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



40172E



541338



17403D



211E20



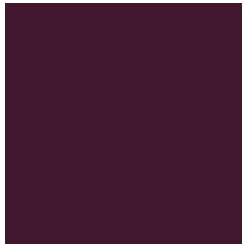
610036



E0007E

Previews

White Background



This preview shows how the Hex color 40172E looks on a white background.

Color Contrast Check

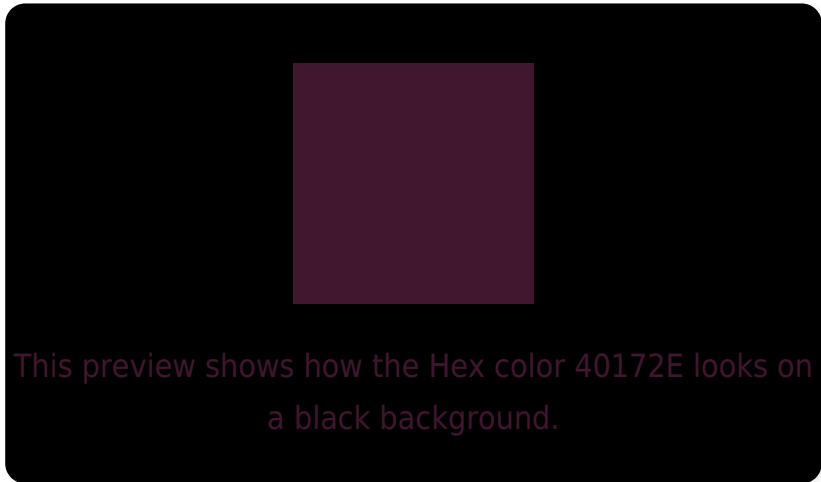
Large Text (above 18pt) WCAG AA ✓ Pass

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

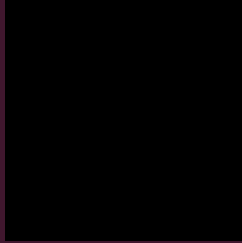
Any Text WCAG AA × Fail

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 40172E Background



This preview shows how black text looks on a background with the Hex color 40172E.



This preview shows how white text looks on a background with the Hex color 40172E.

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
40172E

Protanopia
212639

Deuteranopia
28262C

Trichromacy



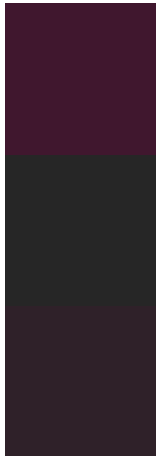
Original Color
40172E

Protanomaly
2C2135

Deuteranomaly
31212D

Tritanomaly
3F1A23

Monochromacy



Original Color
40172E

Achromatopsia
262626

Achromatomaly
2F2129

CSS Examples

Text

The CSS property to change the color of the text to Hex 40172E 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 #40172E looks like.

```
.text, #text, p{  
    color:#40172E  
}
```

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 #40172E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #40172E
}
```

Border

The CSS property to change the border of an element to Hex 40172E is called "border". The border property can be set on classes, ids or directly on the HTML element.

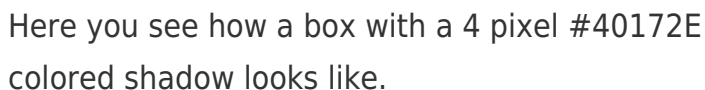
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#40172E }
```

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

```
.border{ border-color:#40172E }
```

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



Here you see how a box with a 4 pixel #40172E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #40172E; -webkit-box-shadow:4px 4px  
4px 4px #40172E; box-shadow:4px 4px 4px  
4px #40172E }
```

Background

The CSS property to change the background color of an element to Hex 40172E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#40172E }
```

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

```
.background{ background-color:#40172E }
```

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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