

Converting Colors

Hex(40164A)

Have a look what the booklet for
Hex(40164A) contains.

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Color

Hex(40164A)

Conversions

Conversions Part 1

Format	Color
Hex	40164A
RGB	64, 22, 74
RGB Percent	25%, 9%, 29%
CMY	0.7490, 0.9137, 0.7098
CMYK	0.14, 0.70, 0.00, 0.71
HSL	288°, 54%, 19%
HSV	288°, 70%, 29%
XYZ	3.6373, 2.1582, 6.7034
YIQ	40.4860, 8.3400, 25.0760

Conversions

Conversions Part 2

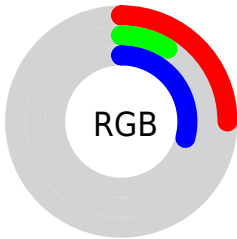
Format	Color
RYB	64, 22, 74
Decimal	4200010
CIELab	16.30, 29.28, -23.29
CIElCh	16, 37.416, 321.506
Yxy	2.1582, 0.2910, 0.1727
Android (android.graphics.Color)	4282390090 (0xFF40164A)
YUV	40.4860, 16.5224, 20.6218
Hunter-Lab	14.6909, 18.4855, -16.7704

Details

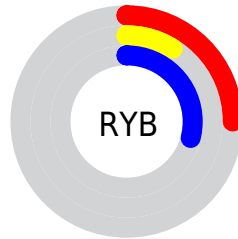
The Hex color **40164A** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **204A16**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **72447B**, and **0E001E** is the 20% darker color. If you saturate the color by 10%, you get **3F0F4A**, and if you desaturate by 10%, it is **411D4A**.

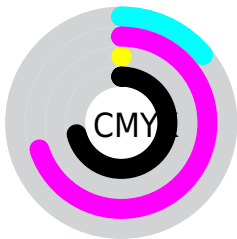
Distribution



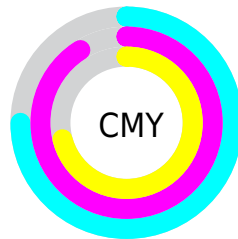
- Red (25%)
- Green (9%)
- Blue (29%)



- Red (25%)
- Yellow (9%)
- Blue (29%)



- Cyan (14%)
- Magenta (70%)
- Yellow (0%)
- Black (71%)



- Cyan (75%)
- Magenta (91%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 40164A 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 40164A by changing the saturation by 10% instead.

■ 40164A

■ 40164A

FFFFFF

■ 290033

■ 72447B

■ 0E001E

■ 8C5D95

■ 000000

■ A776B0

■ C290CB

■ DEABE8

■ FBC6FF

■ FFE2FF

■ 40164A

■ 40164A

■ 3F0F4A

■ 411D4A

■ 3D074A

■ 43254A

■ 3C004A

■ 442C4A

■ 46344A

■ 473B4A

■ 49424A

■ 4A4A4A

■ 4B514A

■ 4D594A

Harmonies

Analogous

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



0F255B



40164A



530531

Triad

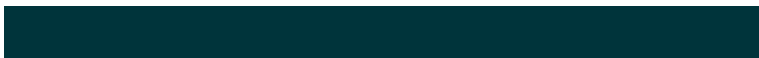
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



40164A



392500



00343B

Complementary

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



40164A



204A16

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.



003320



40164A



212D00

Square

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



40164A



4C1800



003100



003252

Rectangle

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



40164A



56031F



003100



003432

Sweetspot

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



40164A



5D4D61



16204A



2E2430



B0B0B0



303030

Same Dimension

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



40164A



511061



4A163A



262226



520066



B900E6

Inverse Universe

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



4A1620



61101F



164A26



262223



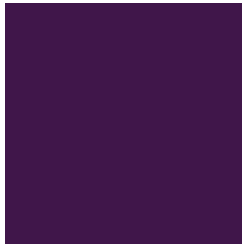
660014



E6002C

Previews

White Background



This preview shows how the Hex color 40164A looks on a white background.

Color Contrast Check

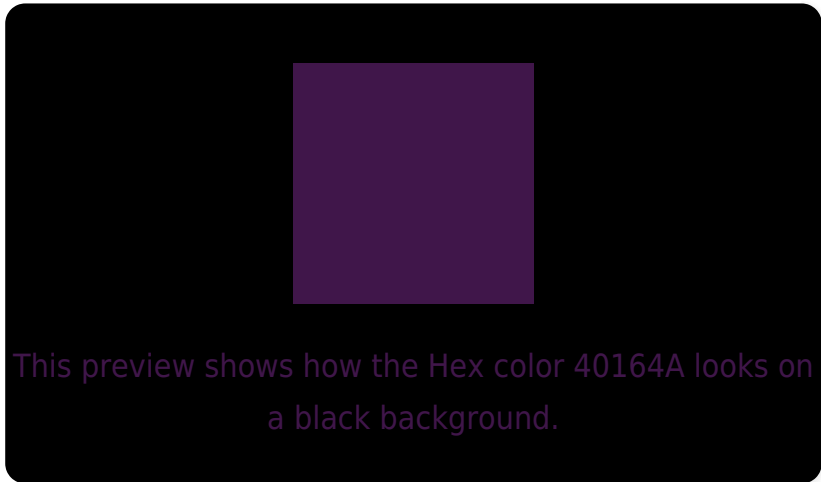
Large Text (above 18pt) WCAG AA ✓ Pass

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

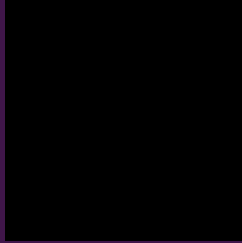
Any Text WCAG AA × Fail

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 40164A Background



This preview shows how black text looks on a background with the Hex color 40164A.



This preview shows how white text looks on a background with the Hex color 40164A.

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
40164A

Protanopia
002855

Deuteranopia
152A47



Tritanopia
3B2225

Trichromacy



Original Color
40164A

Protanomaly
172151

Deuteranomaly
252348

Tritanomaly
3D1E32

Monochromacy



Original Color
40164A

Achromatopsia
282828

Achromatomaly
312134

CSS Examples

Text

The CSS property to change the color of the text to Hex 40164A 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 #40164A looks like.

```
.text, #text, p{  
    color:#40164A  
}
```

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 #40164A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #40164A
}
```

Border

The CSS property to change the border of an element to Hex 40164A 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".

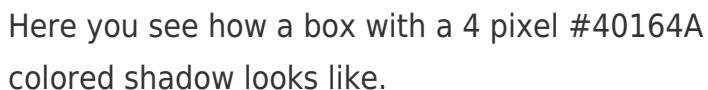
```
.border, #border, table{ border:4px solid
#40164A }
```

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

```
.border{ border-color:#40164A }
```

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

Here you see how a box with a 4 pixel #40164A colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #40164A; -webkit-box-shadow:4px 4px  
4px 4px #40164A; box-shadow:4px 4px 4px  
4px #40164A }
```

Background

The CSS property to change the background color of an element to Hex 40164A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#40164A }
```

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

```
.background{ background-color:#40164A }
```

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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