

Converting Colors

Hex(40062A)

Have a look what the booklet for
Hex(40062A) contains.

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Color

Hex(40062A)

Conversions

Conversions Part 1

Format	Color
Hex	40062A
RGB	64, 6, 42
RGB Percent	25%, 2%, 16%
CMY	0.7490, 0.9765, 0.8353
CMYK	0.00, 0.91, 0.34, 0.75
HSL	323°, 83%, 14%
HSV	323°, 91%, 25%
XYZ	2.5974, 1.3874, 2.3214
YIQ	27.4460, 23.0120, 23.4920

Conversions

Conversions Part 2

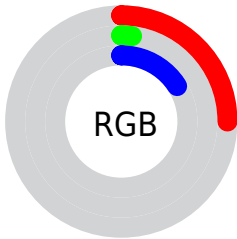
Format	Color
RYB	64, 6, 42
Decimal	4195882
CIELab	11.87, 30.46, -7.40
CIElCh	12, 31.345, 346.346
Yxy	1.3874, 0.4119, 0.2200
Android (android.graphics.Color)	4282385962 (0xFF40062A)
YUV	27.4460, 7.1751, 32.0579
Hunter-Lab	11.7788, 18.7488, -3.4398




Details

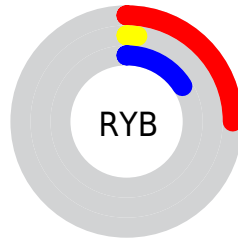
The Hex color **40062A** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **06401C**, and the grayscale version is **1B1B1B**.




A 20% lighter version of the original color is **723757**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **400028**, and if you desaturate by 10%, it is **400C2C**.

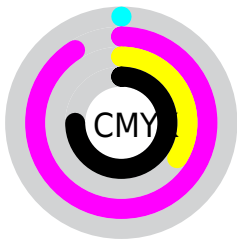
Distribution







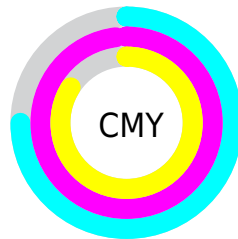
-  Red (25%)
-  Green (2%)
-  Blue (16%)






-  Red (25%)
-  Yellow (2%)
-  Blue (16%)



-  Cyan (0%)
-  Magenta (91%)
-  Yellow (34%)
-  Black (75%)



-  Cyan (75%)
-  Magenta (98%)
-  Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 40062A 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 40062A by changing the saturation by 10% instead.

 40062A

 40062A

 FFF0FF

 2B0016

 723757

 000000

 8D4F70

 A86889

 C482A3

 E09CBE

 FDB7DA

 FFD3F7

 40062A

 40062A

■ 400028

■ 400C2C

■ 40132F

■ 401931

■ 402034

■ 402636

■ 402C39

■ 40333B

■ 40393D

■ 404040

Harmonies

Analogous

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



2E133D



40062A



440514

Triad

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



40062A



1E2200



00283E

Complementary

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



40062A



06401C

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.



00292B



40062A



042600

Square

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



40062A



301B00



002814



002549

Rectangle

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



40062A



420B00



002814



002838

Sweetspot

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



40062A



543D4C



1B0640



2B1D26



ABABAB



2B2B2B

Same Dimension

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



40062A



540034



40060E



211E20



61003C



E0008B

Inverse Universe

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



40062A



540034



064038



211E20



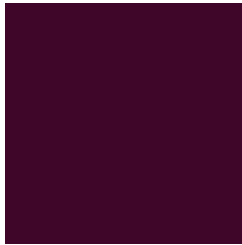
61003C



E0008B

Previews

White Background



This preview shows how the Hex color 40062A looks on a white background.

Color Contrast Check

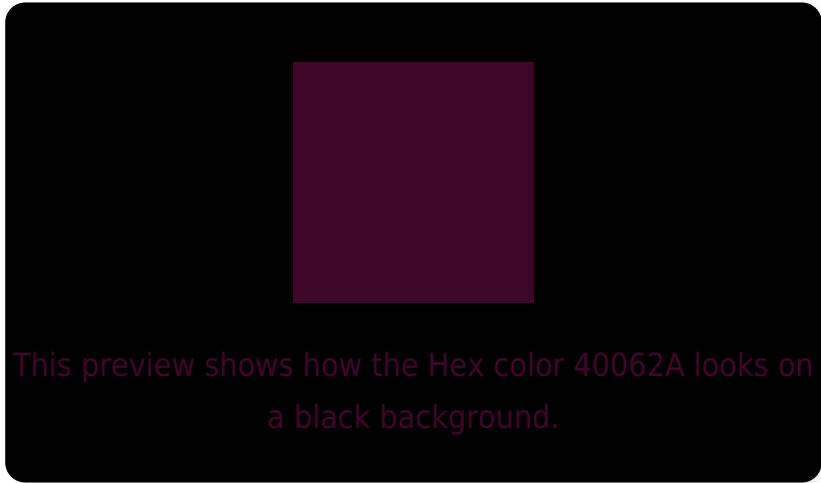
Large Text (above 18pt) WCAG AA ✓ Pass

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

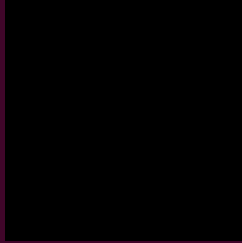
Any Text WCAG AA × Fail

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 40062A Background



This preview shows how black text looks on a background with the Hex color 40062A.



This preview shows how white text looks on a background with the Hex color 40062A.

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
40062A

Protanopia
17223B

Deuteranopia
232127

Trichromacy



Original Color
40062A

Protanomaly
261835

Deuteranomaly
2E1728

Tritanomaly
3F0D1B

Monochromacy



Original Color
40062A

Achromatopsia
1B1B1B

Achromatomaly
281320

CSS Examples

Text

The CSS property to change the color of the text to Hex 40062A 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 #40062A looks like.

```
.text, #text, p{  
    color:#40062A  
}
```

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 #40062A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #40062A
}
```

Border

The CSS property to change the border of an element to Hex 40062A 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".

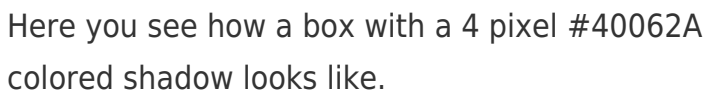
```
.border, #border, table{ border:4px solid
#40062A }
```

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

```
.border{ border-color:#40062A }
```

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

Here you see how a box with a 4 pixel #40062A colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #40062A; -webkit-box-shadow:4px 4px  
4px 4px #40062A; box-shadow:4px 4px 4px  
4px #40062A }
```

Background

The CSS property to change the background color of an element to Hex 40062A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#40062A }
```

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

```
.background{ background-color:#40062A }
```

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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