

# Converting Colors

Hex(040A5D)

Have a look what the booklet for  
Hex(040A5D) contains.

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# Color

**Hex(040A5D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	040A5D
RGB	4, 10, 93
RGB Percent	2%, 4%, 36%
CMY	0.9843, 0.9608, 0.6353
CMYK	0.96, 0.89, 0.00, 0.64
HSL	236°, 92%, 19%
HSV	236°, 96%, 36%
XYZ	2.1344, 1.0332, 10.4429
YIQ	17.6680, -30.2190, 24.5410

# Conversions

## Conversions Part 2

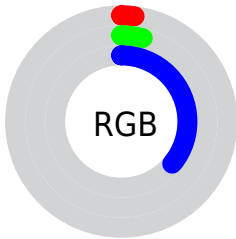
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	4, 10, 93
Decimal	264797
CIE Lab	9.27, 32.16, -47.99
CIE LCh	9, 57.769, 303.831
Yxy	1.0332, 0.1568, 0.0759
Android (android.graphics.Color)	4278454877 (0xFF040A5D)
YUV	17.6680, 37.1387, -11.9868
Hunter-Lab	10.1647, 19.6935, -53.7973

# Details

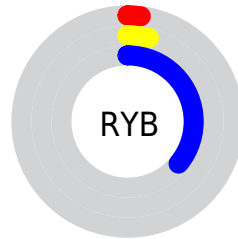
The Hex color **040A5D** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **5D5704**, and the grayscale version is **111111**.

A 20% lighter version of the original color is **463690**, and **00032D** is the 20% darker color. If you saturate the color by 10%, you get **00065D**, and if you desaturate by 10%, it is **0D135D**.

# Distribution



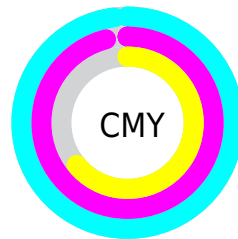
- Red (2%)
- Green (4%)
- Blue (36%)



- Red (2%)
- Yellow (4%)
- Blue (36%)



- Cyan (96%)
- Magenta (89%)
- Yellow (0%)
- Black (64%)



- Cyan (98%)
- Magenta (96%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 040A5D 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 040A5D by changing the saturation by 10% instead.



040A5D

040A5D

FFEBFF

000045

463690

00032D

624DAB

000118

7D65C7

000000

987EE3

B599FF

D1B3FF

EECFFF

040A5D

040A5D

■ 00065D

■ 0D135D

■ 171B5D

■ 20245D

■ 292D5D

■ 32355D

■ 3C3E5D

■ 45475D

■ 4E4F5D

■ 58585D

# Harmonies

## Analogous

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



00206B



040A5D



48003D

# Triad

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



040A5D



3B0500



00271E

# Complementary

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



040A5D



5D5704

# 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.



002600



040A5D



1E1B00

# Square

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



040A5D



500000



002400



002945

# Rectangle

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



040A5D



540024



002400



002610



# Sweetspot

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



040A5D



555778



045D56



28293D



BDBDBD



3D3D3D



# Same Dimension

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



040A5D



000878



29045D



292A2E



00076E



0010ED



# Inverse Universe

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



5D040A



780008



385D04



2E292A



6E0007

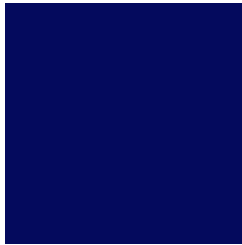


ED0010



# Previews

## White Background



This preview shows how the Hex color 040A5D looks on a white background.

## Color Contrast Check

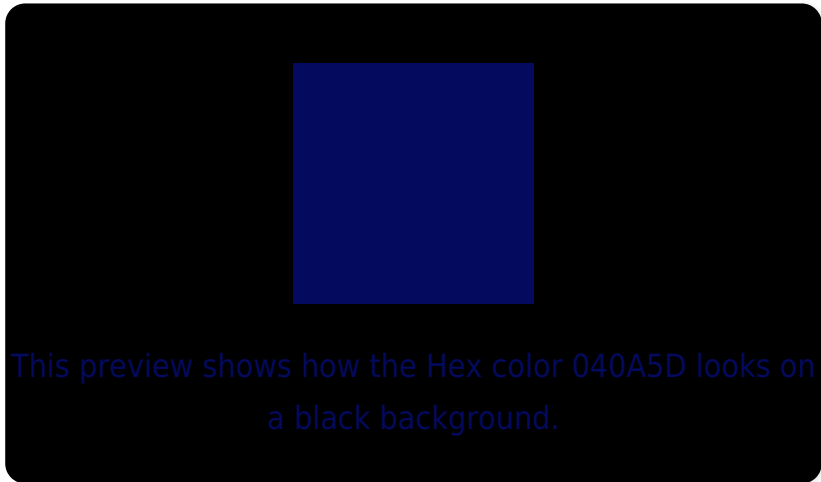
Large Text (above 18pt) WCAG AA ✓ Pass

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

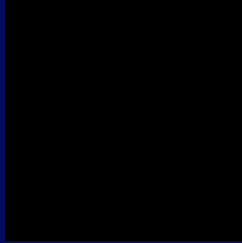
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 040A5D Background



This preview shows how black text looks on a background with the Hex color 040A5D.



This preview shows how white text looks on a background with the Hex color 040A5D.

# 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**

040A5D

**Protanopia**

001C3B

**Deuteranopia**

001E32

# Trichromacy



**Original Color**  
040A5D

**Protanomaly**  
011547

**Deuteranomaly**  
011742

# Monochromacy



**Original Color**  
040A5D

**Achromatopsia**  
121212

**Achromatomaly**  
0D0F2D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 040A5D 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 #040A5D looks like.

```
.text, #text, p{  
    color:#040A5D  
}
```

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 #040A5D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #040A5D
}
```

## Border

The CSS property to change the border of an element to Hex 040A5D 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
#040A5D }
```

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

```
.border{ border-color:#040A5D }
```

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

Here you see how a box with a 4 pixel #040A5D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #040A5D; -webkit-box-shadow:4px 4px  
4px 4px #040A5D; box-shadow:4px 4px 4px  
4px #040A5D }
```

# Background

The CSS property to change the background color of an element to Hex 040A5D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#040A5D }
```

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

```
.background{ background-color:#040A5D }
```

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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