

# Converting Colors

Hex(072035)

Have a look what the booklet for  
Hex(072035) contains.

<b>Hex(072035)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(072035)**

# Conversions

## Conversions Part 1

Format	Color
Hex	072035
RGB	7, 32, 53
RGB Percent	3%, 13%, 21%
CMY	0.9725, 0.8745, 0.7922
CMYK	0.87, 0.40, 0.00, 0.79
HSL	207°, 77%, 12%
HSV	207°, 87%, 21%
XYZ	1.2467, 1.3352, 3.5602
YIQ	26.9190, -21.6410, 1.2310

# Conversions

## Conversions Part 2

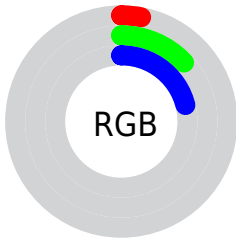
Format	Color
<b>R<sub>YB</sub></b>	7, 23, 53
Decimal	466997
CIE <sub>Lab</sub>	11.52, -0.70, -16.51
CIE <sub>LCh</sub>	12, 16.521, 267.568
Yxy	1.3352, 0.2030, 0.2174
Android (android.graphics.Color)	4278657077 (0xFF072035)
YUV	26.9190, 12.8579, -17.4690
Hunter-Lab	11.5552, -0.9626, -10.1786

# Details

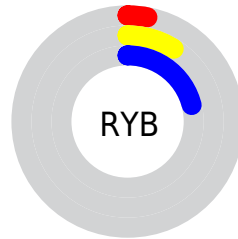
The Hex color **072035** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **351C07**, and the grayscale version is **1B1B1B**.

A 20% lighter version of the original color is **384C64**, and **000005** is the 20% darker color. If you saturate the color by 10%, you get **021E35**, and if you desaturate by 10%, it is **0C2235**.

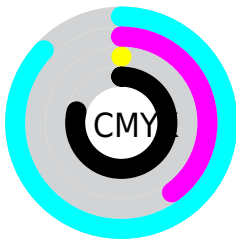
# Distribution



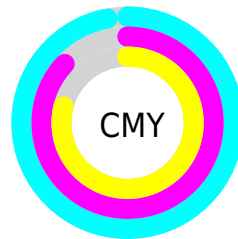
- Red (3%)
- Green (13%)
- Blue (21%)



- Red (3%)
- Yellow (9%)
- Blue (21%)



- Cyan (87%)
- Magenta (40%)
- Yellow (0%)
- Black (79%)



- Cyan (97%)
- Magenta (87%)
- Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 072035 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 072035 by changing the saturation by 10% instead.



072035

072035

F1FFFF

000820

384C64

000005

50647D

000000

697C97

8296B1

9DB1CD

B8CCE9

D4E8FF

072035

072035

■ 021E35

■ 0C2235

■ 001D35

■ 122535

■ 172735

■ 1C2A35

■ 222C35

■ 272F35

■ 2C3135

■ 313335

■ 373635

# Harmonies

## Analogous

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



002331



072035



1E1C33

# Triad

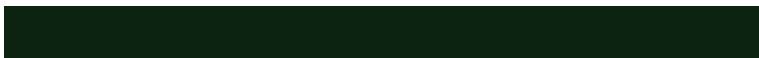
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



072035



331615



0D2312

# Complementary

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



072035



351C07

# 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.



1C2106



072035



2F1908

# Square

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



072035



331520



271D02



00241D

# Rectangle

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



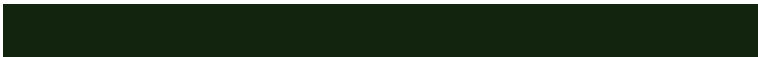
072035



28192E



271D02



12230E



# Sweetspot

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



072035



333D45



07351C



191F24



A3A3A3



242424



# Same Dimension

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



072035



002545



070935



17181A



003159



0076D9



# Inverse Universe

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



350720



450025



353307



1A1718



590031



D90076



# Previews

## White Background



This preview shows how the Hex color 072035 looks on a white background.

## Color Contrast Check

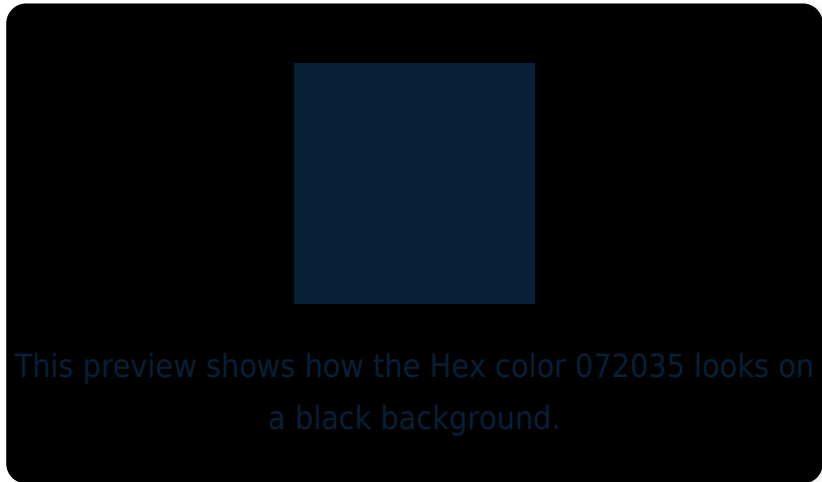
Large Text (above 18pt) WCAG AA ✓ Pass

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

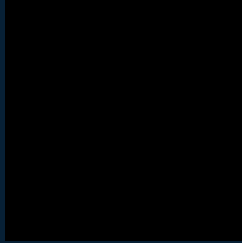
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 072035 Background



This preview shows how black text looks on a background with the Hex color 072035.



This preview shows how white text looks on a background with the Hex color 072035.

# 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**  
072035

**Protanopia**  
161E33

**Deuteranopia**  
0E1F35



# Trichromacy



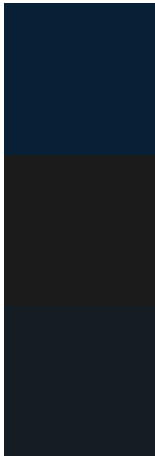
**Original Color**  
072035

**Protanomaly**  
111F34

**Deuteranomaly**  
0B1F35

**Tritanomaly**  
03212B

# Monochromacy



**Original Color**  
072035

**Achromatopsia**  
1B1B1B

**Achromatomaly**  
141D24

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 072035 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 #072035 looks like.

```
.text, #text, p{  
    color:#072035  
}
```

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 #072035 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #072035
}
```

## Border

The CSS property to change the border of an element to Hex 072035 is called "border". The border property can be set on classes, ids or directly on the HTML element.

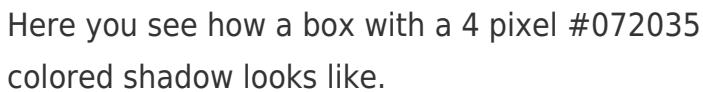
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#072035 }
```

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

```
.border{ border-color:#072035 }
```

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



Here you see how a box with a 4 pixel #072035 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #072035; -webkit-box-shadow:4px 4px  
4px 4px #072035; box-shadow:4px 4px 4px  
4px #072035 }
```

# Background

The CSS property to change the background color of an element to Hex 072035 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#072035 }
```

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

```
.background{ background-color:#072035 }
```

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](#).



# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor