

# Converting Colors

Hex(070125)

Have a look what the booklet for  
Hex(070125) contains.

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# Color

**Hex(070125)**

# Conversions

## Conversions Part 1

Format	Color
Hex	070125
RGB	7, 1, 37
RGB Percent	3%, 0%, 15%
CMY	0.9725, 0.9961, 0.8549
CMYK	0.81, 0.97, 0.00, 0.85
HSL	250°, 95%, 7%
HSV	250°, 97%, 15%
XYZ	0.4324, 0.2005, 1.7662
YIQ	6.8980, -7.9800, 12.4680

# Conversions

## Conversions Part 2

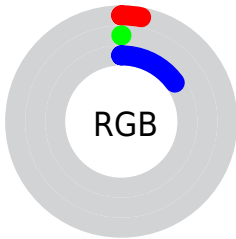
Format	Color
<a href="#">RYB</a>	<a href="#">7, 1, 37</a>
Decimal	<a href="#">459045</a>
CIELab	<a href="#">1.81, 9.91, -19.92</a>
CIELCh	<a href="#">2, 22.248, 296.447</a>
Yxy	<a href="#">0.2005, 0.1802, 0.0836</a>
Android (android.graphics.Color)	<a href="#">4278649125</a> ( <a href="#">0xFF070125</a> )
YUV	<a href="#">6.8980, 14.8403, 0.0895</a>
Hunter-Lab	<a href="#">4.4772, 9.4045, -20.2548</a>

# Details

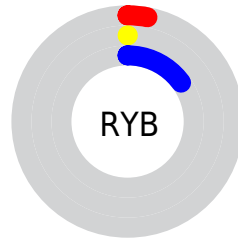
The Hex color **070125** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **1F2501**, and the grayscale version is **070707**.

A 20% lighter version of the original color is **323152**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **060025**, and if you desaturate by 10%, it is **0A0525**.

# Distribution



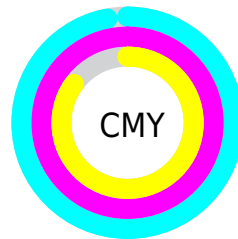
- Red (3%)
- Green (0%)
- Blue (15%)



- Red (3%)
- Yellow (0%)
- Blue (15%)



- Cyan (81%)
- Magenta (97%)
- Yellow (0%)
- Black (85%)



- Cyan (97%)
- Magenta (100%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 070125 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 070125 by changing the saturation by 10% instead.



070125

070125

E8E3FF

00010E

323152

000000

4A476A

625F83

7B779D

9591B8

B0ACD4

CCC7F1

070125

070125

■ 060025

■ 0A0525

■ 0D0825

■ 100C25

■ 131025

■ 161425

■ 1A1725

■ 1D1B25

■ 201F25

■ 232225

# Harmonies

## Analogous

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



000A28



070125



1D001C

# Triad

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



070125



1E0000



000C03

# Complementary

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



070125



1F2501

# 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.



000C00



070125



0D0500

# Square

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



070125



250000



000C00



000D18

# Rectangle

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



070125



240012



000C00



# Sweetspot

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



070125



252230



011F25



12111A



999999



1A1A1A



# Same Dimension

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



070125



080030



190125



101012



0E0052



2300D1



# Inverse Universe

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



25011F



300028



0D2501



121012



520044



D100AE



# Previews

## White Background



This preview shows how the Hex color 070125 looks on a white background.

## Color Contrast Check

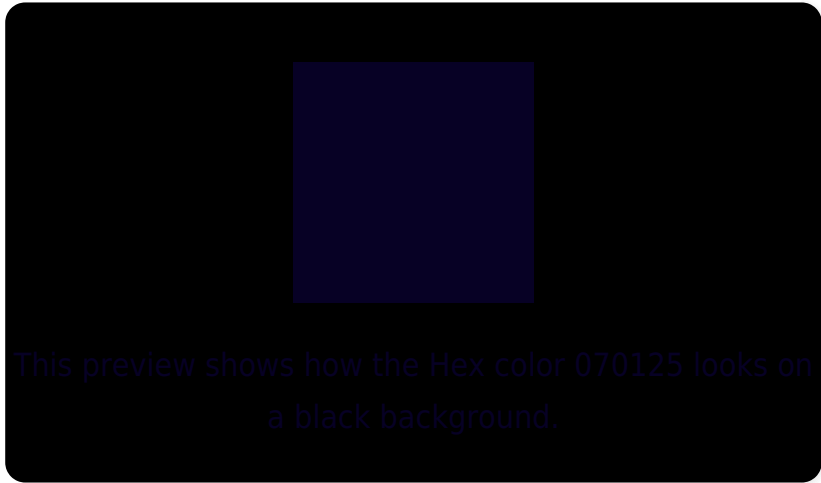
Large Text (above 18pt) WCAG AA ✓ Pass

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

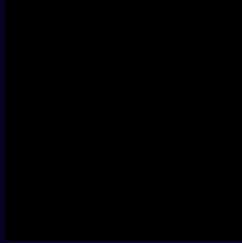
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 070125 Background



This preview shows how black text looks on a background with the Hex color 070125.



This preview shows how white text looks on a background with the Hex color 070125.

# 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**  
070125

**Protanopia**  
000B17

**Tritanopia**  
000D0E

# Trichromacy



**Original Color**  
070125

**Protanomaly**  
03071C

**Tritanomaly**  
030916

# Monochromacy



**Original Color**  
070125

**Achromatopsia**  
070707

**Achromatomaly**  
070512

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 070125 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 #070125 looks like.

```
.text, #text, p{  
    color:#070125  
}
```

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 #070125 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #070125
}
```

## Border

The CSS property to change the border of an element to Hex 070125 is called "border". The border property can be set on classes, ids or directly on the HTML element.

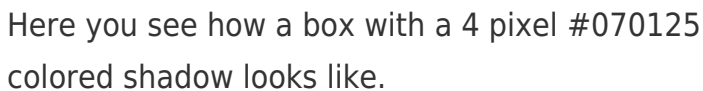
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#070125 }
```

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

```
.border{ border-color:#070125 }
```

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



Here you see how a box with a 4 pixel #070125 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #070125; -webkit-box-shadow:4px 4px  
4px 4px #070125; box-shadow:4px 4px 4px  
4px #070125 }
```

# Background

The CSS property to change the background color of an element to Hex 070125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#070125 }
```

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

```
.background{ background-color:#070125 }
```

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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