

Converting Colors

Hex(07012F)

Have a look what the booklet for
Hex(07012F) contains.

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Color

Hex(07012F)

Conversions

Conversions Part 1

Format	Color
Hex	07012F
RGB	7, 1, 47
RGB Percent	3%, 0%, 18%
CMY	0.9725, 0.9961, 0.8157
CMYK	0.85, 0.98, 0.00, 0.82
HSL	248°, 96%, 9%
HSV	248°, 98%, 18%
XYZ	0.6116, 0.2721, 2.7096
YIQ	8.0380, -11.1900, 15.5780

Conversions

Conversions Part 2

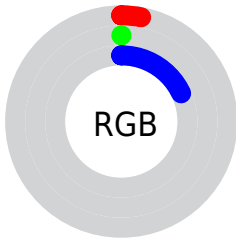
Format	Color
RYB	7, 1, 47
Decimal	459055
CIELab	2.46, 14.46, -26.57
CIELCh	2, 30.246, 298.555
Yxy	0.2721, 0.1702, 0.0757
Android (android.graphics.Color)	4278649135 (0xFF07012F)
YUV	8.0380, 19.2083, -0.9103
Hunter-Lab	5.2165, 11.7981, -27.1458

Details

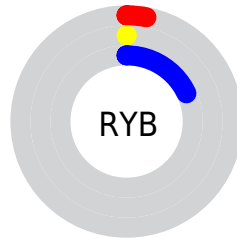
The Hex color **07012F** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **292F01**, and the grayscale version is **080808**.

A 20% lighter version of the original color is **34305D**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **06002F**, and if you desaturate by 10%, it is **0B062F**.

Distribution



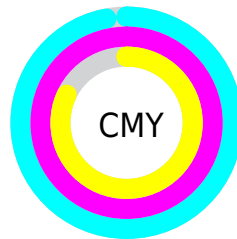
- Red (3%)
- Green (0%)
- Blue (18%)



- Red (3%)
- Yellow (0%)
- Blue (18%)



- Cyan (85%)
- Magenta (98%)
- Yellow (0%)
- Black (82%)



- Cyan (97%)
- Magenta (100%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 07012F 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 07012F by changing the saturation by 10% instead.

07012F

07012F

ECE2FF

00011A

34305D

000000

4C4776

655E90

7E77AB

9991C6

B4ABE2

D0C6FF

07012F

07012F

■ 06002F

■ 0B062F

■ 0F0A2F

■ 130F2F

■ 17142F

■ 1B182F

■ 201D2F

■ 24222F

■ 28272F

■ 2C2B2F

Harmonies

Analogous

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



000D34



07012F



240021

Triad

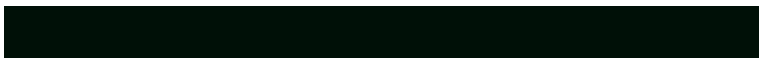
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



07012F



230000



001007

Complementary

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



07012F



292F01

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.



001000



07012F



0F0800

Square

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



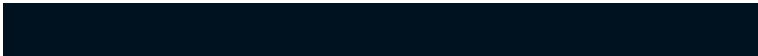
07012F



2C0000



001000



00111F

Rectangle

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



07012F



2B0015



001000

Sweetspot

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



07012F



2E2B3D



012A2F



15141F



9E9E9E



1F1F1F

Same Dimension

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



07012F



08003D



1D012F



151517



0B0057



1C00D6

Inverse Universe

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



2F0129



3D0035



132F01



171517



57004B



D600BA

Previews

White Background



This preview shows how the Hex color 07012F looks on a white background.

Color Contrast Check

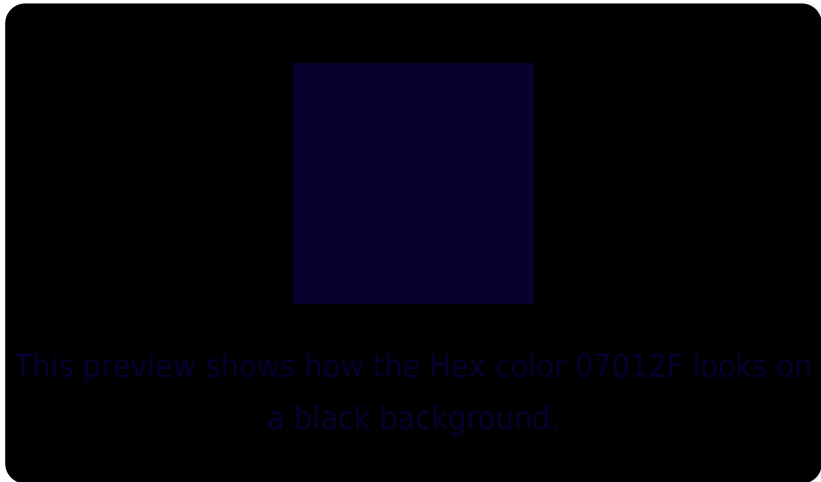
Large Text (above 18pt) WCAG AA ✓ Pass

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

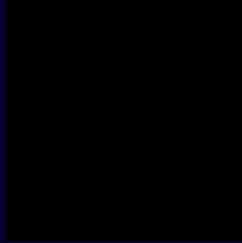
Any Text WCAG AA × Fail

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 07012F Background



This preview shows how black text looks on a background with the Hex color 07012F.



This preview shows how white text looks on a background with the Hex color 07012F.

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
07012F

Protanopia
000E1D

Deuteranopia
000F19



Tritanopia
001011

Trichromacy



Original Color
07012F

Protanomaly
030924

Deuteranomaly
030A21

Tritanomaly
030B1C

Monochromacy



Original Color
07012F

Achromatopsia
080808

Achromatomaly
080516

CSS Examples

Text

The CSS property to change the color of the text to Hex 07012F 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 #07012F looks like.

```
.text, #text, p{  
    color:#07012F  
}
```

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 #07012F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #07012F
}
```

Border

The CSS property to change the border of an element to Hex 07012F is called "border". The border property can be set on classes, ids or directly on the HTML element.

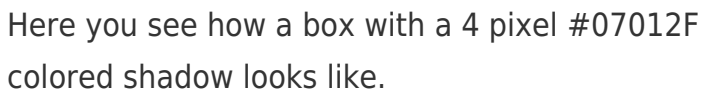
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#07012F }
```

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

```
.border{ border-color:#07012F }
```

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



Here you see how a box with a 4 pixel #07012F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #07012F; -webkit-box-shadow:4px 4px  
4px 4px #07012F; box-shadow:4px 4px 4px  
4px #07012F }
```

Background

The CSS property to change the background color of an element to Hex 07012F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#07012F }
```

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

```
.background{ background-color:#07012F }
```

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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