

Converting Colors

Hex(07162F)

Have a look what the booklet for
Hex(07162F) contains.

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Color

Hex(07162F)

Conversions

Conversions Part 1

Format	Color
Hex	07162F
RGB	7, 22, 47
RGB Percent	3%, 9%, 18%
CMY	0.9725, 0.9137, 0.8157
CMYK	0.85, 0.53, 0.00, 0.82
HSL	218°, 74%, 11%
HSV	218°, 85%, 18%
XYZ	0.8876, 0.8242, 2.8016
YIQ	20.3650, -16.9650, 4.5950

Conversions

Conversions Part 2

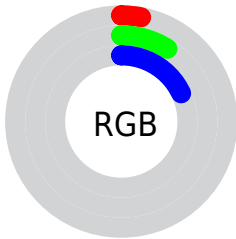
Format	Color
R_{YB}	7, 18, 47
Decimal	464431
CIE Lab	7.45, 4.24, -18.62
CIE LCh	7, 19.098, 282.816
Yxy	0.8242, 0.1967, 0.1826
Android (android.graphics.Color)	4278654511 (0xFF07162F)
YUV	20.3650, 13.1311, -11.7211
Hunter-Lab	9.0787, 1.5642, -11.9415

Details

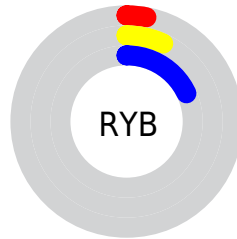
The Hex color **07162F** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **2F2007**, and the grayscale version is **141414**.

A 20% lighter version of the original color is **36405D**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **02132F**, and if you desaturate by 10%, it is **0C192F**.

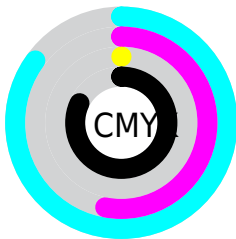
Distribution



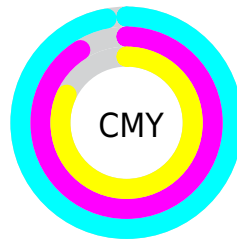
- Red (3%)
- Green (9%)
- Blue (18%)



- Red (3%)
- Yellow (7%)
- Blue (18%)



- Cyan (85%)
- Magenta (53%)
- Yellow (0%)
- Black (82%)



- Cyan (97%)
- Magenta (91%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 07162F 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 07162F by changing the saturation by 10% instead.

07162F

07162F

EEF7FF

00011A

36405D

000000

4E5776

667090

8089AA

9AA3C6

B5BEE2

D1DAFE

07162F

07162F

■ 02132F

■ 0C192F

■ 00122F

■ 101C2F

■ 151F2F

■ 1A222F

■ 1F252F

■ 23282F

■ 282B2F

■ 2D2E2F

■ 31302F

Harmonies

Analogous

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



001A2E



07162F



1E1129

Triad

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



07162F



2C0E00



001D0C

Complementary

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



07162F



2F2007

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.



081B00



07162F



241300

Square

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



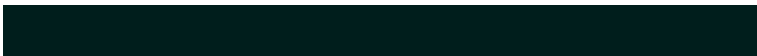
07162F



2D0A11



181800



001E1C

Rectangle

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



07162F



260D22



181800



001D05

Sweetspot

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



07162F



2D333D



072F20



15191F



9E9E9E



1F1F1F

Same Dimension

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



07162F



00173D



0C072F



151617



002157



0050D6

Inverse Universe

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



2F0716



3D0017



2A2F07



171516



570021



D60050

Previews

White Background



This preview shows how the Hex color 07162F looks on a white background.

Color Contrast Check

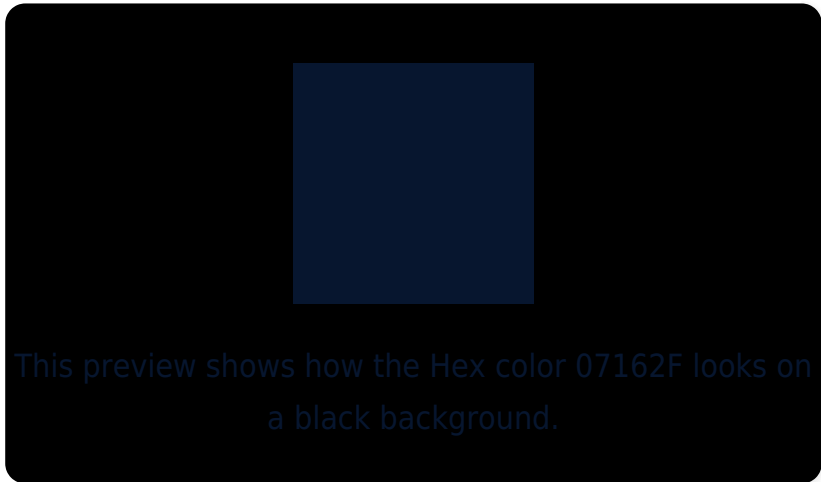
Large Text (above 18pt) WCAG AA ✓ Pass

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

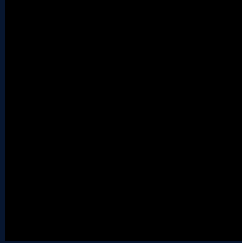
Any Text WCAG AA × Fail

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 07162F Background



This preview shows how black text looks on a background with the Hex color 07162F.



This preview shows how white text looks on a background with the Hex color 07162F.

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
07162F

Protanopia
02162F

Deuteranopia
001829



Tritanopia
001A1B

Trichromacy



Original Color

07162F

Protanomaly

04162F

Deuteranomaly

03172B

Tritanomaly

031922

Monochromacy



Original Color

07162F

Achromatopsia

141414

Achromatomaly

0F151E

CSS Examples

Text

The CSS property to change the color of the text to Hex 07162F 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 #07162F looks like.

```
.text, #text, p{  
    color:#07162F  
}
```

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 #07162F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #07162F
}
```

Border

The CSS property to change the border of an element to Hex 07162F is called "border". The border property can be set on classes, ids or directly on the HTML element.

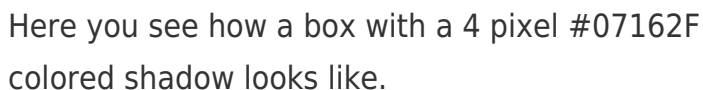
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#07162F }
```

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

```
.border{ border-color:#07162F }
```

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



Here you see how a box with a 4 pixel #07162F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #07162F; -webkit-box-shadow:4px 4px  
4px 4px #07162F; box-shadow:4px 4px 4px  
4px #07162F }
```

Background

The CSS property to change the background color of an element to Hex 07162F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#07162F }
```

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

```
.background{ background-color:#07162F }
```

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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