

# Converting Colors

Hex(0E102F)

Have a look what the booklet for  
Hex(0E102F) contains.

<b>Hex(0E102F)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(0E102F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0E102F
RGB	14, 16, 47
RGB Percent	5%, 6%, 18%
CMY	0.9451, 0.9373, 0.8157
CMYK	0.70, 0.66, 0.00, 0.82
HSL	236°, 54%, 12%
HSV	236°, 70%, 18%
XYZ	0.8795, 0.6692, 2.7721
YIQ	18.9360, -11.1430, 9.2170

# Conversions

## Conversions Part 2

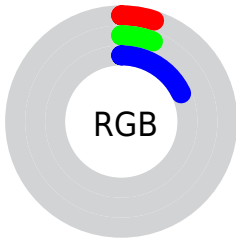
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	14, 16, 47
Decimal	921647
CIE <sub>Lab</sub>	6.04, 9.95, -20.83
CIE <sub>LCh</sub>	6, 23.083, 295.535
Yxy	0.6692, 0.2035, 0.1549
Android (android.graphics.Color)	4279111727 (0xFF0E102F)
YUV	18.9360, 13.8356, -4.3289
Hunter-Lab	8.1803, 4.8753, -14.3658

# Details

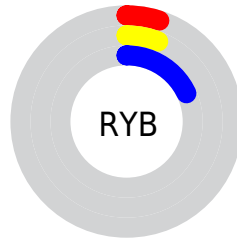
The Hex color **0E102F** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **2F2D0E**, and the grayscale version is **131313**.

A 20% lighter version of the original color is **3B3A5D**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **090C2F**, and if you desaturate by 10%, it is **13142F**.

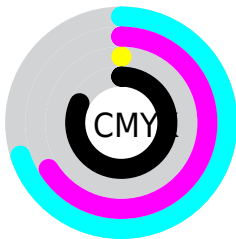
# Distribution



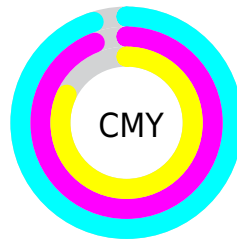
- Red (5%)
- Green (6%)
- Blue (18%)



- Red (5%)
- Yellow (6%)
- Blue (18%)



- Cyan (70%)
- Magenta (66%)
- Yellow (0%)
- Black (82%)



- Cyan (95%)
- Magenta (94%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0E102F 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 0E102F by changing the saturation by 10% instead.



■ 0E102F

■ 0E102F

■ F3EFFF

■ 00011A

■ 3B3A5D

■ 000000

■ 535176

■ 6C6990

■ 8582AA

■ A09CC6

■ BBB7E2

■ D7D3FF

■ 0E102F

■ 0E102F

■ 090C2F

■ 13142F

■ 05072F

■ 17192F

■ 00032F

■ 1C1D2F

■ 21222F

■ 26262F

■ 2A2A2F

■ 2F2F2F

■ 34332F

■ 38382F

# Harmonies

## Analogous

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



001632



0E102F



240825

# Triad

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



0E102F



280B00



001D10

# Complementary

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



0E102F



2F2D0E

# 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.



001B00



0E102F



1C1200

# Square

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



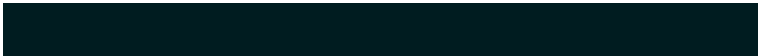
0E102F



2E0400



081700



001C20

# Rectangle

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



0E102F



2B041C



081700



001C07



# Sweetspot

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



0E102F



30313D



0E2F2D



17171F



9E9E9E



1F1F1F



# Same Dimension

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



0E102F



0A0D3D



1C0E2F



151517



000557



000DD6



# Inverse Universe

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



2F0E10



3D0A0D



212F0E



171515



570005



D6000D



# Previews

## White Background



This preview shows how the Hex color 0E102F looks on a white background.

## Color Contrast Check

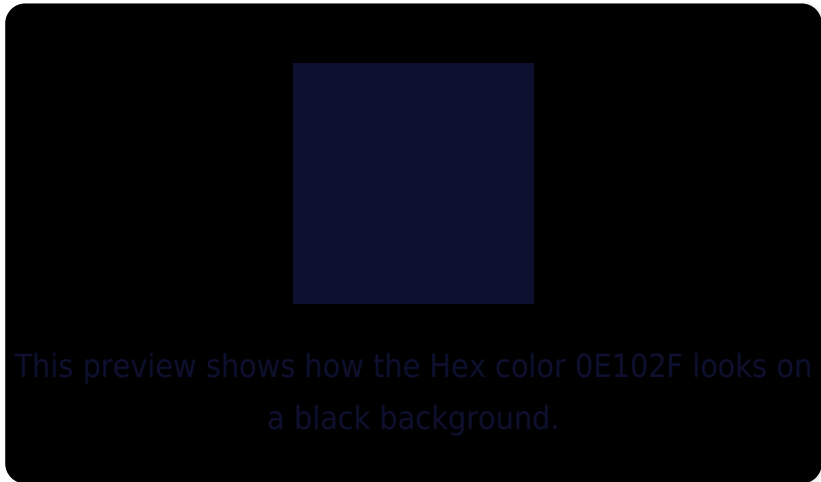
Large Text (above 18pt) WCAG AA ✓ Pass

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

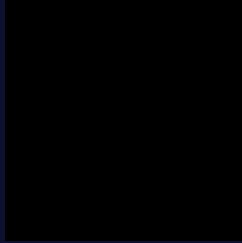
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 0E102F Background



This preview shows how black text looks on a background with the Hex color 0E102F.



This preview shows how white text looks on a background with the Hex color 0E102F.

# 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**  
0E102F

**Protanopia**  
001329

**Deuteranopia**  
001523



**Tritanopia**  
001618

# Trichromacy



**Original Color**

0E102F

**Protanomaly**

05122B

**Deuteranomaly**

051327

**Tritanomaly**

051420

# Monochromacy



**Original Color**

0E102F

**Achromatopsia**

131313

**Achromatomaly**

11121D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0E102F 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 #0E102F looks like.

```
.text, #text, p{  
    color:#0E102F  
}
```

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 #0E102F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0E102F
}
```

## Border

The CSS property to change the border of an element to Hex 0E102F 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
#0E102F }
```

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

```
.border{ border-color:#0E102F }
```

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

Here you see how a box with a 4 pixel #0E102F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0E102F; -webkit-box-shadow:4px 4px  
4px 4px #0E102F; box-shadow:4px 4px 4px  
4px #0E102F }
```

# Background

The CSS property to change the background color of an element to Hex 0E102F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0E102F }
```

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

```
.background{ background-color:#0E102F }
```

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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