

# Converting Colors

Hex(0F204E)

Have a look what the booklet for  
Hex(0F204E) contains.

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# Color

**Hex(0F204E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0F204E
RGB	15, 32, 78
RGB Percent	6%, 13%, 31%
CMY	0.9412, 0.8745, 0.6941
CMYK	0.81, 0.59, 0.00, 0.69
HSL	224°, 68%, 18%
HSV	224°, 81%, 31%
XYZ	2.0887, 1.6846, 7.4228
YIQ	32.1610, -24.8980, 10.7020

# Conversions

## Conversions Part 2

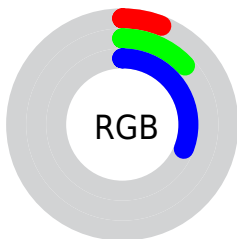
<b>Format</b>	<b>Color</b>
<b>RYB</b>	15, 28, 78
Decimal	991310
CIELab	13.74, 11.87, -30.43
CIELCh	14, 32.666, 291.314
Yxy	1.6846, 0.1866, 0.1505
Android (android.graphics.Color)	4279181390 (0xFF0F204E)
YUV	32.1610, 22.5986, -15.0502
Hunter-Lab	12.9794, 6.0106, -24.8220

# Details

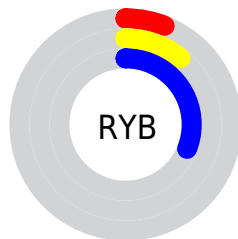
The Hex color **0F204E** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **4E3D0F**, and the grayscale version is **202020**.

A 20% lighter version of the original color is **444C80**, and **000221** is the 20% darker color. If you saturate the color by 10%, you get **071A4E**, and if you desaturate by 10%, it is **17264E**.

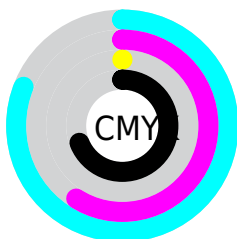
# Distribution



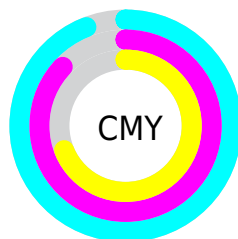
- Red (6%)
- Green (13%)
- Blue (31%)



- Red (6%)
- Yellow (11%)
- Blue (31%)



- Cyan (81%)
- Magenta (59%)
- Yellow (0%)
- Black (69%)



- Cyan (94%)
- Magenta (87%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0F204E 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 0F204E by changing the saturation by 10% instead.



0F204E

0F204E

FFFFFF

000937

444C80

000221

5D639A

000006

777CB5

000000

9296D0

ADB1ED

C9CCFF

E6E8FF

0F204E

0F204E

■ 071A4E

■ 17264E

■ 00154E

■ 1F2B4E

■ 26314E

■ 2E374E

■ 363C4E

■ 3E424E

■ 46484E

■ 4D4E4E

■ 55534E

# Harmonies

## Analogous

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



002851



0F204E



371440

# Triad

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



0F204E



421500



002D1B

# Complementary

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



0F204E



4E3D0F

# 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.



002B00



0F204E



322000

# Square

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



0F204E



4A0814



1E2700



002D33

# Rectangle

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



0F204E



440B32



1E2700



002C13



# Sweetspot

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



0F204E



4E5466



0F4E3C



242833



B3B3B3



333333



# Same Dimension

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



0F204E



031E66



1D0F4E



222326



001C66



003EE6



# Inverse Universe

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



4E0F20



66031E



404E0F



262223



66001C



E6003E



# Previews

## White Background



This preview shows how the Hex color 0F204E looks on a white background.

## Color Contrast Check

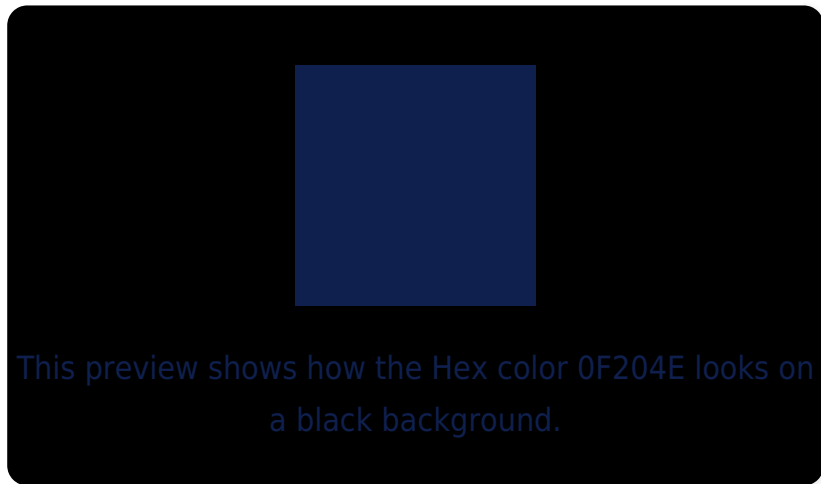
Large Text (above 18pt) WCAG AA ✓ Pass

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

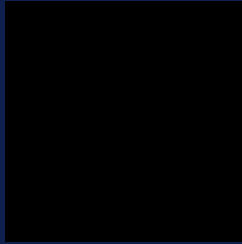
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 0F204E Background



This preview shows how black text looks on a background with the Hex color 0F204E.



This preview shows how white text looks on a background with the Hex color 0F204E.

# 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**


0F204E

**Protanopia**

002249

**Deuteranopia**

00253E



**Tritanopia**  
00282A

# Trichromacy



**Original Color**  
0F204E

**Protanomaly**  
05214B

**Deuteranomaly**  
052344

**Tritanomaly**  
052537

# Monochromacy



**Original Color**  
0F204E

**Achromatopsia**  
202020

**Achromatomaly**  
1A2031

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0F204E 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 #0F204E looks like.

```
.text, #text, p{  
    color:#0F204E  
}
```

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 #0F204E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0F204E
}
```

## Border

The CSS property to change the border of an element to Hex 0F204E 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
#0F204E }
```

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

```
.border{ border-color:#0F204E }
```

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

Here you see how a box with a 4 pixel #0F204E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0F204E; -webkit-box-shadow:4px 4px  
4px 4px #0F204E; box-shadow:4px 4px 4px  
4px #0F204E }
```

# Background

The CSS property to change the background color of an element to Hex 0F204E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0F204E }
```

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

```
.background{ background-color:#0F204E }
```

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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