

# Converting Colors

Hex(0F1A55)

Have a look what the booklet for  
Hex(0F1A55) contains.

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# Color

**Hex(0F1A55)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0F1A55
RGB	15, 26, 85
RGB Percent	6%, 10%, 33%
CMY	0.9412, 0.8980, 0.6667
CMYK	0.82, 0.69, 0.00, 0.67
HSL	231°, 70%, 20%
HSV	231°, 82%, 33%
XYZ	2.2061, 1.4962, 8.7669
YIQ	29.4370, -25.4950, 16.0170

# Conversions

## Conversions Part 2

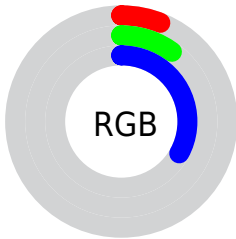
<b>Format</b>	<b>Color</b>
<b>RYB</b>	15, 25, 85
Decimal	989781
CIELab	12.58, 19.42, -37.08
CIElCh	13, 41.857, 297.641
Yxy	1.4962, 0.1769, 0.1200
Android (android.graphics.Color)	4279179861 (0xFF0F1A55)
YUV	29.4370, 27.3926, -12.6612
Hunter-Lab	12.2320, 10.7871, -33.9315

# Details

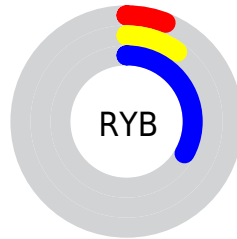
The Hex color **0F1A55** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **554A0F**, and the grayscale version is **1D1D1D**.

A 20% lighter version of the original color is **474587**, and **000327** is the 20% darker color. If you saturate the color by 10%, you get **071355**, and if you desaturate by 10%, it is **182155**.

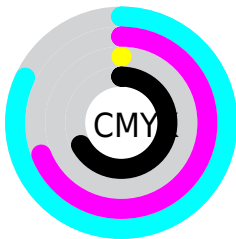
# Distribution



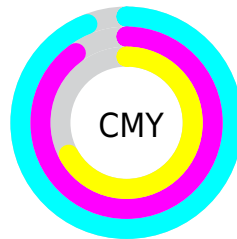
- Red (6%)
- Green (10%)
- Blue (33%)



- Red (6%)
- Yellow (10%)
- Blue (33%)



- Cyan (82%)
- Magenta (69%)
- Yellow (0%)
- Black (67%)



- Cyan (94%)
- Magenta (90%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0F1A55 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 0F1A55 by changing the saturation by 10% instead.



0F1A55

0F1A55

FFFDFF

00003D

474587

000327

615DA2

000110

7B75BD

000000

968FD9

B2A9F6

CEC5FF

EBE0FF

0F1A55

0F1A55

■ 071355

■ 182155

■ 000D55

■ 202855

■ 292F55

■ 313755

■ 393E55

■ 424555

■ 4A4C55

■ 535355

■ 5C5A55

# Harmonies

## Analogous

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



00265C



0F1A55



3F0340

# Triad

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



0F1A55



411000



002D1D

# Complementary

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



0F1A55



554A0F

# 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.



002A00



0F1A55



2C1F00

# Square

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



0F1A55



4F0001



0E2600



002D3B

# Rectangle

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



0F1A55



4C002E



0E2600



002C13



# Sweetspot

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



0F1A55



52576E



0F5549



272A38



B8B8B8



383838



# Same Dimension

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



0F1A55



01126E



260F55



27282B



00116B



0025EB



# Inverse Universe

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



550F1A



6E0112



3E550F



2B2728



6B0011

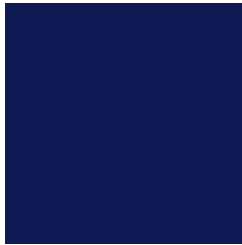


EB0025



# Previews

## White Background



This preview shows how the Hex color 0F1A55 looks on a white background.

## Color Contrast Check

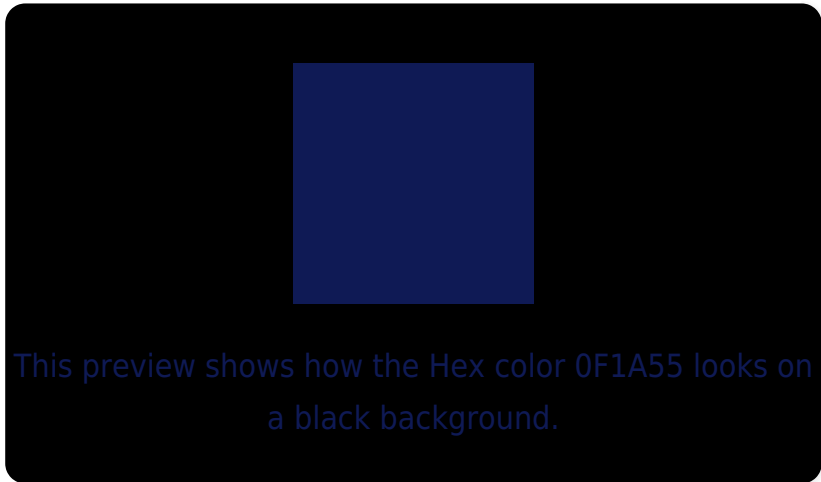
Large Text (above 18pt) WCAG AA ✓ Pass

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

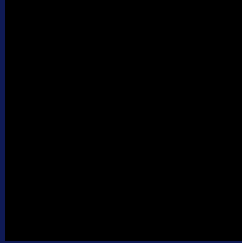
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 0F1A55 Background



This preview shows how black text looks on a background with the Hex color 0F1A55.



This preview shows how white text looks on a background with the Hex color 0F1A55.

# 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**  
0F1A55

**Protanopia**  
002044

**Deuteranopia**  
00233A



# Trichromacy



**Original Color**  
0F1A55

**Protanomaly**  
051E4A

**Deuteranomaly**  
052044

**Tritanomaly**  
052138

# Monochromacy



**Original Color**  
0F1A55

**Achromatopsia**  
1D1D1D

**Achromatomaly**  
181C31

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0F1A55 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 #0F1A55 looks like.

```
.text, #text, p{  
    color:#0F1A55  
}
```

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 #0F1A55 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0F1A55
}
```

## Border

The CSS property to change the border of an element to Hex 0F1A55 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".

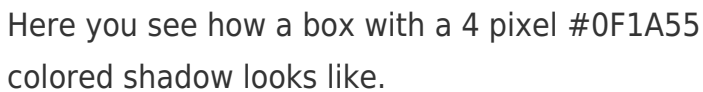
```
.border, #border, table{ border:4px solid
#0F1A55 }
```

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

```
.border{ border-color:#0F1A55 }
```

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

Here you see how a box with a 4 pixel #0F1A55 colored shadow looks like.

A rectangular box with a dark blue border and a dark blue shadow. The box is white with a thin dark blue border on the top and left sides, and a thicker dark blue shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0F1A55; -webkit-box-shadow:4px 4px  
4px 4px #0F1A55; box-shadow:4px 4px 4px  
4px #0F1A55 }
```

# Background

The CSS property to change the background color of an element to Hex 0F1A55 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0F1A55 }
```

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

```
.background{ background-color:#0F1A55 }
```

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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