

Converting Colors

Hex(0F1C6D)

Have a look what the booklet for
Hex(0F1C6D) contains.

Hex(0F1C6D)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(0F1C6D)

Conversions

Conversions Part 1

Format	Color
Hex	0F1C6D
RGB	15, 28, 109
RGB Percent	6%, 11%, 43%
CMY	0.9412, 0.8902, 0.5725
CMYK	0.86, 0.74, 0.00, 0.57
HSL	232°, 76%, 24%
HSV	232°, 86%, 43%
XYZ	3.3726, 2.0362, 14.6833
YIQ	33.3470, -33.7490, 22.4350

Conversions

Conversions Part 2

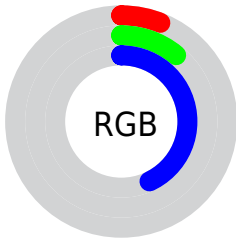
Format	Color
RYB	15, 26, 109
Decimal	990317
CIELab	15.68, 27.77, -47.95
CIELCh	16, 55.408, 300.076
Yxy	2.0362, 0.1679, 0.1013
Android (android.graphics.Color)	4279180397 (0xFF0F1C6D)
YUV	33.3470, 37.2969, -16.0903
Hunter-Lab	14.2695, 17.2164, -51.0205

Details

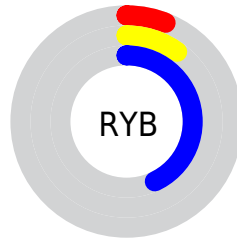
The Hex color **0F1C6D** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **6D600F**, and the grayscale version is **212121**.

A 20% lighter version of the original color is **4E48A2**, and **00003C** is the 20% darker color. If you saturate the color by 10%, you get **04136D**, and if you desaturate by 10%, it is **1A256D**.

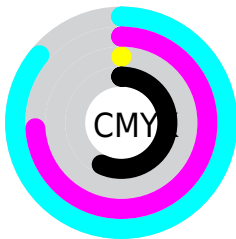
Distribution



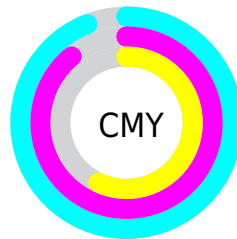
- Red (6%)
- Green (11%)
- Blue (43%)



- Red (6%)
- Yellow (10%)
- Blue (43%)



- Cyan (86%)
- Magenta (74%)
- Yellow (0%)
- Black (57%)



- Cyan (94%)
- Magenta (89%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0F1C6D 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 0F1C6D by changing the saturation by 10% instead.

0F1C6D

0F1C6D

FFFFFF

000754

4E48A2

00003C

6A60BD

000225

8579D9

00010E

A192F6

000000

BDADFF

DAC8FF

F8E5FF

0F1C6D

0F1C6D

■ 04136D

■ 1A256D

■ 000F6D

■ 252F6D

■ 30386D

■ 3B426D

■ 464B6D

■ 50546D

■ 5B5E6D

■ 66676D

■ 71716D

Harmonies

Analogous

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



002E78



0F1C6D



53004F

Triad

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



0F1C6D



4F1100



003626

Complementary

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



0F1C6D



6D600F

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.



003300



0F1C6D



322600

Square

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



0F1C6D



620000



012F00



00364E

Rectangle

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



0F1C6D



620036



012F00



003518

Sweetspot

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



0F1C6D



6A6F8F



0F6D5F



313447



C7C7C7



474747

Same Dimension

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



0F1C6D



00148F



300F6D



303136



001075



0022F5

Inverse Universe

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



6D0F1C



8F0014



4C6D0F



363031



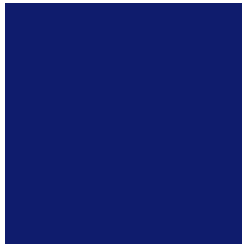
750010



F50022

Previews

White Background



This preview shows how the Hex color 0F1C6D looks on a white background.

Color Contrast Check

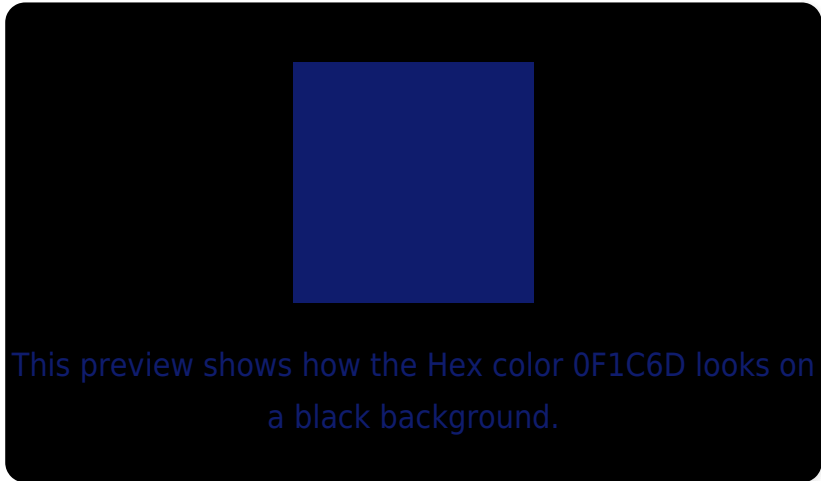
Large Text (above 18pt) WCAG AA ✓ Pass

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

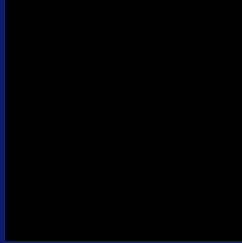
Any Text WCAG AA × Fail

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 0F1C6D Background



This preview shows how black text looks on a background with the Hex color 0F1C6D.



This preview shows how white text looks on a background with the Hex color 0F1C6D.

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
0F1C6D

Protanopia
002751

Deuteranopia
002945



Tritanopia
002D2F

Trichromacy



Original Color

0F1C6D

Protanomaly

05235B

Deuteranomaly

052454

Tritanomaly

052746

Monochromacy



Original Color

0F1C6D

Achromatopsia

212121

Achromatomaly

1A1F3D

CSS Examples

Text

The CSS property to change the color of the text to Hex 0F1C6D 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 #0F1C6D looks like.

```
.text, #text, p{  
    color:#0F1C6D  
}
```

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 #0F1C6D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0F1C6D
}
```

Border

The CSS property to change the border of an element to Hex 0F1C6D is called "border". The border property can be set on classes, ids or directly on the HTML element.

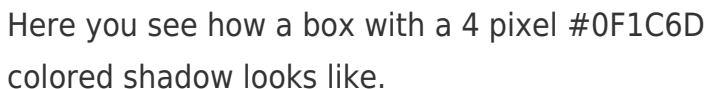
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0F1C6D }
```

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

```
.border{ border-color:#0F1C6D }
```

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



Here you see how a box with a 4 pixel #0F1C6D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0F1C6D; -webkit-box-shadow:4px 4px  
4px 4px #0F1C6D; box-shadow:4px 4px 4px  
4px #0F1C6D }
```

Background

The CSS property to change the background color of an element to Hex 0F1C6D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0F1C6D }
```

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

```
.background{ background-color:#0F1C6D }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor