

Converting Colors

Hex(103F6F)

Have a look what the booklet for
Hex(103F6F) contains.

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Color

Hex(103F6F)

Conversions

Conversions Part 1

Format	Color
Hex	103F6F
RGB	16, 63, 111
RGB Percent	6%, 25%, 44%
CMY	0.9373, 0.7529, 0.5647
CMYK	0.86, 0.43, 0.00, 0.56
HSL	210°, 75%, 25%
HSV	210°, 86%, 44%
XYZ	4.8604, 4.8129, 15.7117
YIQ	54.4190, -43.4200, 4.9640

Conversions

Conversions Part 2

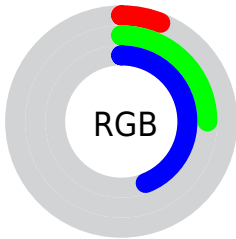
Format	Color
R_{YB}	16, 47, 111
Decimal	1064815
CIE _{Lab}	26.19, 3.71, -32.15
CIE _{LCh}	26, 32.366, 276.588
Yxy	4.8129, 0.1915, 0.1896
Android (android.graphics.Color)	4279254895 (0xFF103F6F)
YUV	54.4190, 27.8944, -33.6935
Hunter-Lab	21.9383, 1.1549, -27.1055

Details

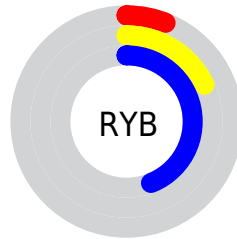
The Hex color **103F6F** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **6F4010**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **4D6EA3**, and **00153F** is the 20% darker color. If you saturate the color by 10%, you get **05396F**, and if you desaturate by 10%, it is **1B456F**.

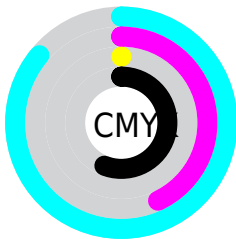
Distribution



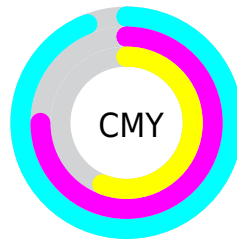
- Red (6%)
- Green (25%)
- Blue (44%)



- Red (6%)
- Yellow (18%)
- Blue (44%)



- Cyan (86%)
- Magenta (43%)
- Yellow (0%)
- Black (56%)



- Cyan (94%)
- Magenta (75%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 103F6F 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 103F6F by changing the saturation by 10% instead.

■ 103F6F

■ 103F6F

FFFFFF

■ 002956

■ 4D6EA3

■ 00153F

■ 6887BE

■ 000328

■ 83A2DA

■ 000112

■ 9FBCF7

■ 000000

■ BBD8FF

■ D7F5FF

■ F4FFFF

■ 103F6F

■ 103F6F

■ 05396F

■ 1B456F

■ 00376F

■ 264A6F

■ 31506F

■ 3C556F

■ 485B6F

■ 53616F

■ 5E666F

■ 696C6F

■ 74716F

Harmonies

Analogous

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



00466B



103F6F



463566

Triad

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



103F6F



672C22



004829

Complementary

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



103F6F



6F4010

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.



2C4513



103F6F



5A360F

Square

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



103F6F



6A273A



463F07



004A43

Rectangle

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



103F6F



592E59



463F07



124721

Sweetspot

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



103F6F



6C7E91



106F3F



333E4A



C9C9C9



4A4A4A

Same Dimension

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



103F6F



004891



10106F



323538



003B78



007AF7

Inverse Universe

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



6F103F



910048



6F6F10



383235



78003B



F7007A

Previews

White Background



This preview shows how the Hex color 103F6F looks on a white background.

Color Contrast Check

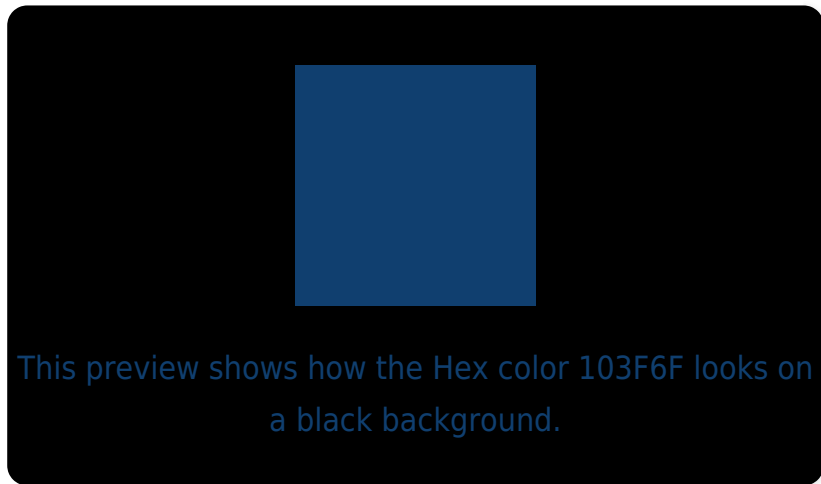
Large Text (above 18pt) WCAG AA ✓ Pass

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

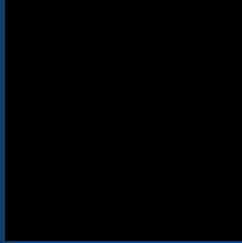
Any Text WCAG AA × Fail

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 103F6F Background



This preview shows how black text looks on a background with the Hex color 103F6F.



This preview shows how white text looks on a background with the Hex color 103F6F.

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
103F6F

Protanopia
283D6D

Deuteranopia
0E3F6F



Tritanopia
00454A

Trichromacy



Original Color
103F6F

Protanomaly
1F3E6E

Deuteranomaly
0F3F6F

Tritanomaly
064357

Monochromacy



Original Color
103F6F

Achromatopsia
363636

Achromatomaly
28394B

CSS Examples

Text

The CSS property to change the color of the text to Hex 103F6F 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 #103F6F looks like.

```
.text, #text, p{  
    color:#103F6F  
}
```

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 #103F6F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #103F6F
}
```

Border

The CSS property to change the border of an element to Hex 103F6F 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
#103F6F }
```

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

```
.border{ border-color:#103F6F }
```

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

Here you see how a box with a 4 pixel #103F6F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #103F6F; -webkit-box-shadow:4px 4px  
4px 4px #103F6F; box-shadow:4px 4px 4px  
4px #103F6F }
```

Background

The CSS property to change the background color of an element to Hex 103F6F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#103F6F }
```

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

```
.background{ background-color:#103F6F }
```

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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