

Converting Colors

Hex(03126F)

Have a look what the booklet for
Hex(03126F) contains.

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Color

Hex(03126F)

Conversions

Conversions Part 1

Format	Color
Hex	03126F
RGB	3, 18, 111
RGB Percent	1%, 7%, 44%
CMY	0.9882, 0.9294, 0.5647
CMYK	0.97, 0.84, 0.00, 0.56
HSL	232°, 95%, 22%
HSV	232°, 97%, 44%
XYZ	3.1231, 1.5997, 15.1831
YIQ	24.1170, -38.7930, 25.7430

Conversions

Conversions Part 2

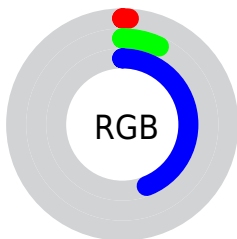
Format	Color
R_{YB}	3, 16, 111
Decimal	201327
CIE _{Lab}	13.23, 34.16, -53.32
CIE _{LCh}	13, 63.325, 302.649
Yxy	1.5997, 0.1569, 0.0804
Android (android.graphics.Color)	4278391407 (0xFF03126F)
YUV	24.1170, 42.8333, -18.5196
Hunter-Lab	12.6478, 21.9431, -62.3214

Details

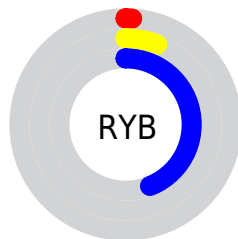
The Hex color **03126F** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **6F6003**, and the grayscale version is **181818**.

A 20% lighter version of the original color is **4C3EA4**, and **00023E** is the 20% darker color. If you saturate the color by 10%, you get **000F6F**, and if you desaturate by 10%, it is **0E1C6F**.

Distribution



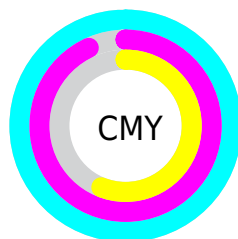
- Red (1%)
- Green (7%)
- Blue (44%)



- Red (1%)
- Yellow (6%)
- Blue (44%)



- Cyan (97%)
- Magenta (84%)
- Yellow (0%)
- Black (56%)



- Cyan (99%)
- Magenta (93%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 03126F 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 03126F by changing the saturation by 10% instead.

 03126F

 03126F

 FFF6FF

 000056


 4C3EA4

 00023E

 6856BF

 000327

 846EDC

 000110

 A088F8

 000000

 BDA2FF

 DABEFF

 F7D9FF

 03126F

 03126F

■ 000F6F

■ 0E1C6F

■ 19256F

■ 242F6F

■ 2F386F

■ 3B426F

■ 464B6F

■ 51556F

■ 5C5E6F

■ 67686F

Harmonies

Analogous

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



00297E



03126F



55004C

Triad

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



03126F



490800



003125

Complementary

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



03126F



6F6003

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.



003000



03126F



282200

Square

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



03126F



600000



002B00



003352

Rectangle

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



03126F



64002F



002B00



003115

Sweetspot

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



03126F



676D91



036F5F



30344A



C9C9C9



4A4A4A

Same Dimension

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



03126F



001491



29036F



323338



001178



0022F7

Inverse Universe

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



6F0312



910014



496F03



383233



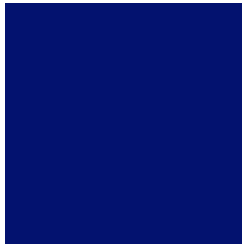
780011



F70022

Previews

White Background



This preview shows how the Hex color 03126F looks on a white background.

Color Contrast Check

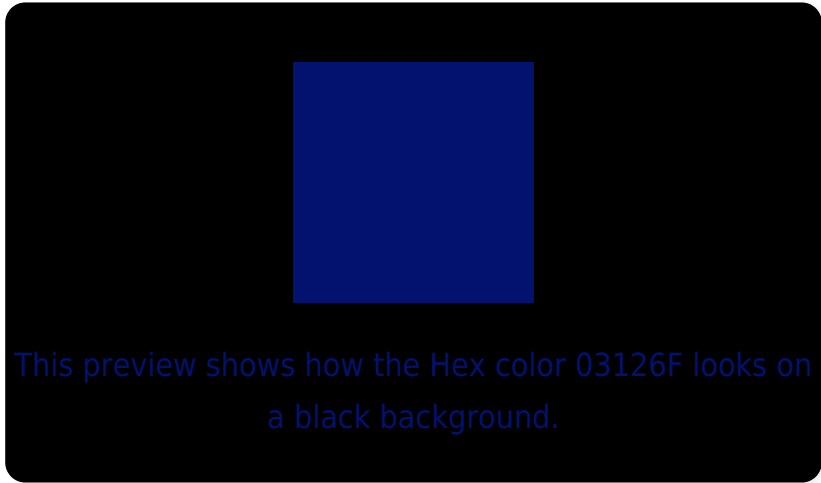
Large Text (above 18pt) WCAG AA ✓ Pass

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

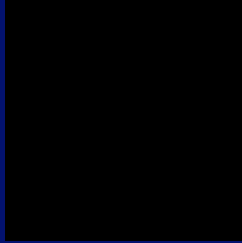
Any Text WCAG AA × Fail

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 03126F Background



This preview shows how black text looks on a background with the Hex color 03126F.



This preview shows how white text looks on a background with the Hex color 03126F.

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
03126F

Protanopia
002349

Deuteranopia
00253E

Trichromacy



Original Color
03126F

Protanomaly
011D57

Deuteranomaly
011E50

Tritanomaly
012043

Monochromacy



Original Color
03126F

Achromatopsia
181818

Achromatomaly
101638

CSS Examples

Text

The CSS property to change the color of the text to Hex 03126F 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 #03126F looks like.

```
.text, #text, p{  
    color:#03126F  
}
```

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 #03126F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #03126F
}
```

Border

The CSS property to change the border of an element to Hex 03126F 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
#03126F }
```

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

```
.border{ border-color:#03126F }
```

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

Here you see how a box with a 4 pixel #03126F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #03126F; -webkit-box-shadow:4px 4px  
4px 4px #03126F; box-shadow:4px 4px 4px  
4px #03126F }
```

Background

The CSS property to change the background color of an element to Hex 03126F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#03126F }
```

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

```
.background{ background-color:#03126F }
```

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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