

Converting Colors

Hex(0A386F)

Have a look what the booklet for
Hex(0A386F) contains.

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Color

Hex(0A386F)

Conversions

Conversions Part 1

Format	Color
Hex	0A386F
RGB	10, 56, 111
RGB Percent	4%, 22%, 44%
CMY	0.9608, 0.7804, 0.5647
CMYK	0.91, 0.50, 0.00, 0.56
HSL	213°, 83%, 24%
HSV	213°, 91%, 44%
XYZ	4.4086, 4.0406, 15.5865
YIQ	48.5160, -45.0710, 7.3530

Conversions

Conversions Part 2

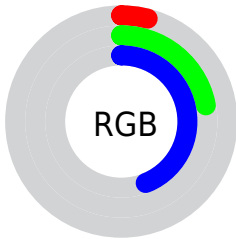
Format	Color
R_{YB}	10, 42, 111
Decimal	669807
CIE _{Lab}	23.81, 8.07, -35.99
CIE _{LCh}	24, 36.888, 282.644
Yxy	4.0406, 0.1834, 0.1681
Android (android.graphics.Color)	4278859887 (0xFF0A386F)
YUV	48.5160, 30.8046, -33.7785
Hunter-Lab	20.1012, 3.9716, -31.9027

Details

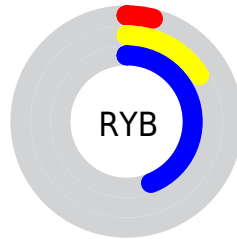
The Hex color **0A386F** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **6F410A**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **4B66A3**, and **000D3F** is the 20% darker color. If you saturate the color by 10%, you get **00336F**, and if you desaturate by 10%, it is **153E6F**.

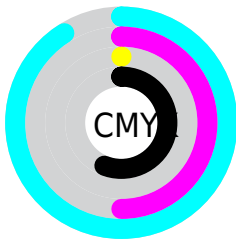
Distribution



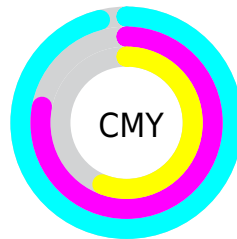
- Red (4%)
- Green (22%)
- Blue (44%)



- Red (4%)
- Yellow (16%)
- Blue (44%)



- Cyan (91%)
- Magenta (50%)
- Yellow (0%)
- Black (56%)



- Cyan (96%)
- Magenta (78%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0A386F 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 0A386F by changing the saturation by 10% instead.



0A386F



0A386F

FFFFFF



002356



4B66A3



000D3F



667FBE



000328



8199DA



000112



9DB4F7



000000



B9CFFF



D5EBFF



F3FFFF



0A386F



0A386F

■ 00336F

■ 153E6F

■ 20446F

■ 2B4A6F

■ 36506F

■ 42566F

■ 4D5C6F

■ 58626F

■ 63686F

■ 6E6E6F

Harmonies

Analogous

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



00406E



0A386F



482C62

Triad

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



0A386F



632514



004427

Complementary

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



0A386F



6F410A

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.



1B410B



0A386F



533100

Square

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



0A386F



6A1B2E



3B3B00



004544

Rectangle

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



0A386F



5B2353



3B3B00



00431E

Sweetspot

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



0A386F



6A7C91



0A6F40



323D4A



C9C9C9



4A4A4A

Same Dimension

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



0A386F



004291



0D0A6F



323538



003778



0071F7

Inverse Universe

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



6F0A38



910042



6C6F0A



383235



780037



F70071

Previews

White Background



This preview shows how the Hex color 0A386F looks on a white background.

Color Contrast Check

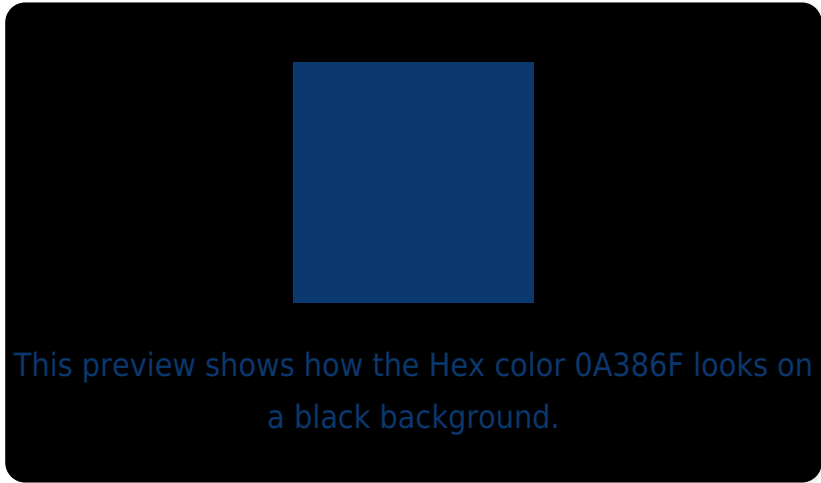
Large Text (above 18pt) WCAG AA ✓ Pass

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 0A386F Background



This preview shows how black text looks on a background with the Hex color 0A386F.



This preview shows how white text looks on a background with the Hex color 0A386F.

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
0A386F

Protanopia
19376E

Deuteranopia
003A65

Trichromacy



Original Color
0A386F

Protanomaly
14376E

Deuteranomaly
043969

Monochromacy



Original Color
0A386F

Achromatopsia
313131

Achromatomaly
233448

CSS Examples

Text

The CSS property to change the color of the text to Hex 0A386F 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 #0A386F looks like.

```
.text, #text, p{  
    color:#0A386F  
}
```

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 #0A386F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0A386F
}
```

Border

The CSS property to change the border of an element to Hex 0A386F 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
#0A386F }
```

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

```
.border{ border-color:#0A386F }
```

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

Here you see how a box with a 4 pixel #0A386F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0A386F; -webkit-box-shadow:4px 4px  
4px 4px #0A386F; box-shadow:4px 4px 4px  
4px #0A386F }
```

Background

The CSS property to change the background color of an element to Hex 0A386F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0A386F }
```

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

```
.background{ background-color:#0A386F }
```

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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