

Converting Colors

Hex(0A336C)

Have a look what the booklet for
Hex(0A336C) contains.

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Color

Hex(0A336C)

Conversions

Conversions Part 1

Format	Color
Hex	0A336C
RGB	10, 51, 108
RGB Percent	4%, 20%, 42%
CMY	0.9608, 0.8000, 0.5765
CMYK	0.91, 0.53, 0.00, 0.58
HSL	215°, 83%, 23%
HSV	215°, 91%, 42%
XYZ	4.0158, 3.5149, 14.6541
YIQ	45.2390, -42.7330, 9.0350

Conversions

Conversions Part 2

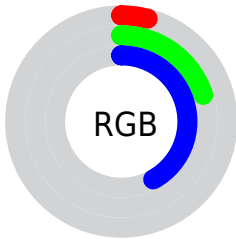
Format	Color
R_{YB}	10, 39, 108
Decimal	668524
CIE _{Lab}	22.00, 10.36, -36.98
CIE _{LCh}	22, 38.404, 285.652
Yxy	3.5149, 0.1810, 0.1584
Android (android.graphics.Color)	4278858604 (0xFF0A336C)
YUV	45.2390, 30.9412, -30.9046
Hunter-Lab	18.7480, 5.4251, -33.2196

Details

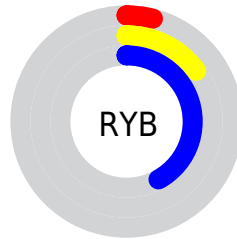
The Hex color **0A336C** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **6C430A**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **4A61A0**, and **00053C** is the 20% darker color. If you saturate the color by 10%, you get **002D6C**, and if you desaturate by 10%, it is **15396C**.

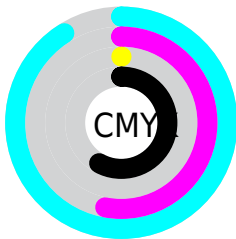
Distribution



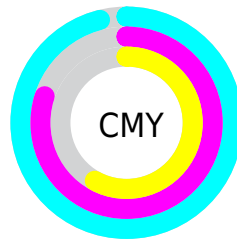
- Red (4%)
- Green (20%)
- Blue (42%)



- Red (4%)
- Yellow (15%)
- Blue (42%)



- Cyan (91%)
- Magenta (53%)
- Yellow (0%)
- Black (58%)



- Cyan (96%)
- Magenta (80%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0A336C 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 0A336C by changing the saturation by 10% instead.

■ 0A336C

■ 0A336C

FFFFFF

■ 001E53

■ 4A61A0

■ 00053C

■ 6579BB

■ 000225

■ 8093D7

■ 00010E

■ 9CAEF4

■ 000000

■ B8C9FF

■ D4E5FF

■ F1FFFF

■ 0A336C

■ 0A336C

■ 002D6C

■ 15396C

■ 20406C

■ 2A466C

■ 354C6C

■ 40526C

■ 4B596C

■ 565F6C

■ 60656C

■ 6B6C6C

Harmonies

Analogous

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



003C6C



0A336C



48255D

Triad

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



0A336C



5E210B



004026

Complementary

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



0A336C



6C430A

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.



0E3E07



0A336C



4D2E00

Square

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



0A336C



661527



343800



004143

Rectangle

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



0A336C



5A1B4D



343800



00401C

Sweetspot

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



0A336C



66768C



0A6C42



313A47



C7C7C7



474747

Same Dimension

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



0A336C



003B8C



110A6C



303236



003175



0066F5

Inverse Universe

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



6C0A33



8C003B



656C0A



363032



750031



F50066

Previews

White Background



This preview shows how the Hex color 0A336C looks on a white background.

Color Contrast Check

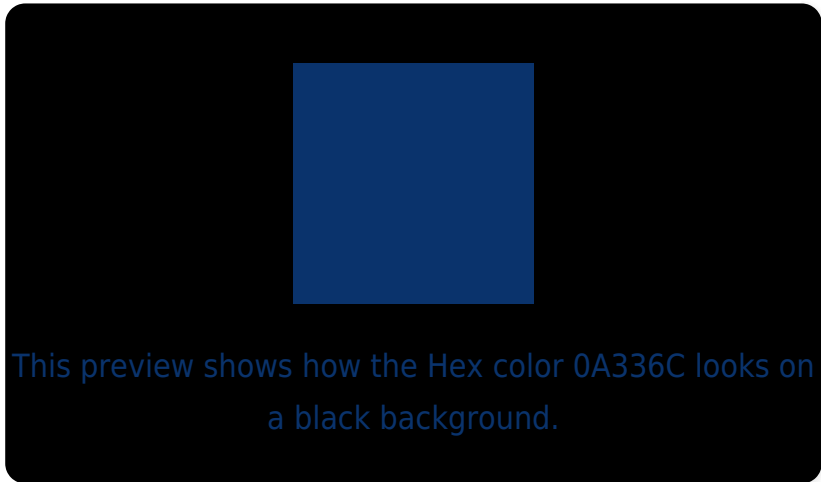
Large Text (above 18pt) WCAG AA ✓ Pass

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 0A336C Background



This preview shows how black text looks on a background with the Hex color 0A336C.



This preview shows how white text looks on a background with the Hex color 0A336C.

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

0A336C

Protanopia

08336C

Deuteranopia

00365E



Tritanopia
003B3F

Trichromacy



Original Color
0A336C

Protanomaly
09336C

Deuteranomaly
043563

Tritanomaly
04384F

Monochromacy



Original Color
0A336C

Achromatopsia
2D2D2D

Achromatomaly
202F44

CSS Examples

Text

The CSS property to change the color of the text to Hex 0A336C 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 #0A336C looks like.

```
.text, #text, p{  
    color:#0A336C  
}
```

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 #0A336C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0A336C
}
```

Border

The CSS property to change the border of an element to Hex 0A336C 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
#0A336C }
```

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

```
.border{ border-color:#0A336C }
```

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

Here you see how a box with a 4 pixel #0A336C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0A336C; -webkit-box-shadow:4px 4px  
4px 4px #0A336C; box-shadow:4px 4px 4px  
4px #0A336C }
```

Background

The CSS property to change the background color of an element to Hex 0A336C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0A336C }
```

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

```
.background{ background-color:#0A336C }
```

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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