

Converting Colors

Hex(0B336D)

Have a look what the booklet for
Hex(0B336D) contains.

| | |
|--|----|
| Hex(0B336D) | 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(0B336D)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 0B336D |
| RGB | 11, 51, 109 |
| RGB Percent | 4%, 20%, 43% |
| CMY | 0.9569, 0.8000, 0.5725 |
| CMYK | 0.90, 0.53, 0.00, 0.57 |
| HSL | 216°, 82%, 24% |
| HSV | 216°, 90%, 43% |
| XYZ | 4.0822, 3.5429, 14.9367 |
| YIQ | 45.6520, -42.4580, 9.5580 |

Conversions

Conversions Part 2

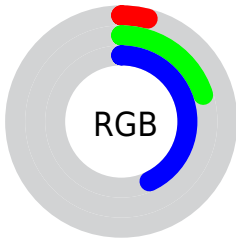
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 11, 39, 109 |
| Decimal | 734061 |
| CIE Lab | 22.10, 10.88, -37.46 |
| CIE LCh | 22, 39.009, 286.197 |
| Yxy | 3.5429, 0.1809, 0.1570 |
| Android (android.graphics.Color) | 4278924141 (0xFF0B336D) |
| YUV | 45.6520, 31.2306, -30.3898 |
| Hunter-Lab | 18.8227, 5.7724, -33.8736 |

Details

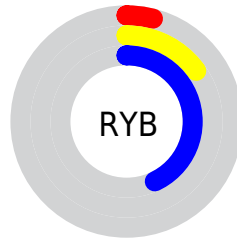
The Hex color **0B336D** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **6D450B**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **4B61A1**, and **00053D** is the 20% darker color. If you saturate the color by 10%, you get **002D6D**, and if you desaturate by 10%, it is **16396D**.

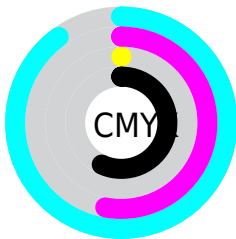
Distribution



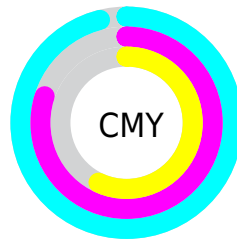
- Red (4%)
- Green (20%)
- Blue (43%)



- Red (4%)
- Yellow (15%)
- Blue (43%)



- Cyan (90%)
- Magenta (53%)
- Yellow (0%)
- Black (57%)



- Cyan (96%)
- Magenta (80%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0B336D 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 0B336D by changing the saturation by 10% instead.

0B336D

0B336D

FFFFFF

001E54

4B61A1

00053D

6679BC

000326

8193D8

00010F

9CAEF5

000000

B9C9FF

D5E5FF

F2FFFF

0B336D

0B336D

■ 002D6D

■ 16396D

■ 002C6D

■ 21406D

■ 2C466D

■ 374D6D

■ 42536D

■ 4C5A6D

■ 57606D

■ 62676D

■ 6D6D6D

Harmonies

Analogous

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



003C6D



0B336D



49255D

Triad

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



0B336D



5F210A



004126

Complementary

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



0B336D



6D450B

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.



0C3E07



0B336D



4D2F00

Square

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



0B336D



671427



343800



004244

Rectangle

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



0B336D



5B1B4D



343800



00401C

Sweetspot

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



0B336D



68788F



0B6D44



313A47



C7C7C7



474747

Same Dimension

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



0B336D



003A8F



130B6D



303236



003075



0064F5

Inverse Universe

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



6D0B33



8F003A



656D0B



363032



750030



F50064

Previews

White Background



This preview shows how the Hex color 0B336D looks on a white background.

Color Contrast Check

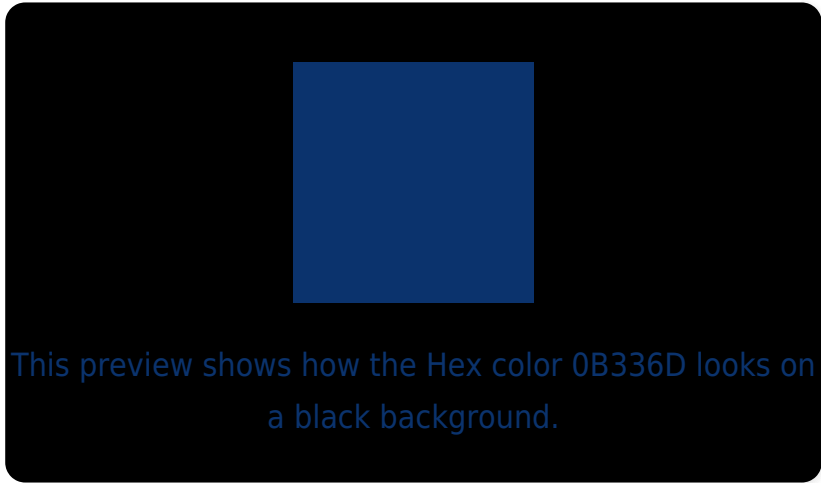
Large Text (above 18pt) WCAG AA ✓ Pass

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 0B336D Background



This preview shows how black text looks on a background with the Hex color 0B336D.



This preview shows how white text looks on a background with the Hex color 0B336D.

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
0B336D

Protanopia
00336D

Deuteranopia
00375E



Tritanopia
003B3F

Trichromacy



Original Color
0B336D

Protanomaly
04336D

Deuteranomaly
043663

Tritanomaly
043850

Monochromacy



Original Color
0B336D

Achromatopsia
2E2E2E

Achromatomaly
213045

CSS Examples

Text

The CSS property to change the color of the text to Hex 0B336D 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 #0B336D looks like.

```
.text, #text, p{  
    color:#0B336D  
}
```

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 #0B336D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0B336D
}
```

Border

The CSS property to change the border of an element to Hex 0B336D 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
#0B336D }
```

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

```
.border{ border-color:#0B336D }
```

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

Here you see how a box with a 4 pixel #0B336D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0B336D; -webkit-box-shadow:4px 4px  
4px 4px #0B336D; box-shadow:4px 4px 4px  
4px #0B336D }
```

Background

The CSS property to change the background color of an element to Hex 0B336D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0B336D }
```

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

```
.background{ background-color:#0B336D }
```

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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