

Converting Colors

Hex(0B3E75)

Have a look what the booklet for
Hex(0B3E75) contains.

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Color

Hex(0B3E75)

Conversions

Conversions Part 1

Format	Color
Hex	0B3E75
RGB	11, 62, 117
RGB Percent	4%, 24%, 46%
CMY	0.9569, 0.7569, 0.5412
CMYK	0.91, 0.47, 0.00, 0.54
HSL	211°, 83%, 25%
HSV	211°, 91%, 46%
XYZ	5.0715, 4.8008, 17.4890
YIQ	53.0210, -48.0510, 6.2930

Conversions

Conversions Part 2

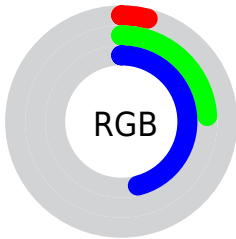
Format	Color
R_{YB}	11, 45, 117
Decimal	736885
CIE _{Lab}	26.16, 6.51, -36.03
CIE _{LCh}	26, 36.613, 280.250
Yxy	4.8008, 0.1854, 0.1755
Android (android.graphics.Color)	4278926965 (0xFF0B3E75)
YUV	53.0210, 31.5416, -36.8524
Hunter-Lab	21.9106, 2.9728, -31.9876

Details

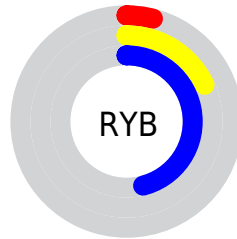
The Hex color **0B3E75** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **75420B**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **4D6DAA**, and **001544** is the 20% darker color. If you saturate the color by 10%, you get **003875**, and if you desaturate by 10%, it is **174475**.

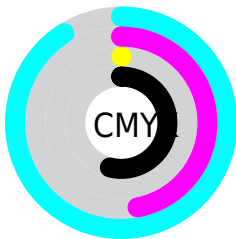
Distribution



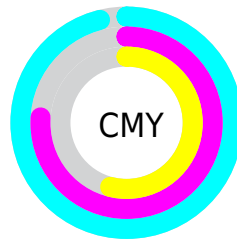
- Red (4%)
- Green (24%)
- Blue (46%)



- Red (4%)
- Yellow (18%)
- Blue (46%)



- Cyan (91%)
- Magenta (47%)
- Yellow (0%)
- Black (54%)



- Cyan (96%)
- Magenta (76%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0B3E75 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 0B3E75 by changing the saturation by 10% instead.

■ 0B3E75

■ 0B3E75

FFFFFF

■ 00295C

■ 4D6DAA

■ 001544

■ 6886C5

■ 00032D

■ 84A0E1

■ 000118

■ 9FBFFE

■ 000000

■ BCD7FF

■ D8F3FF

■ F6FFFF

■ 0B3E75

■ 0B3E75

■ 003875

■ 174475

■ 224A75

■ 2E5075

■ 3A5675

■ 455C75

■ 516275

■ 5D6875

■ 696F75

■ 747575

Harmonies

Analogous

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



004672



0B3E75



4B3269

Triad

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



0B3E75



6A2A1B



004A2A

Complementary

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



0B3E75



75420B

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.



24460F



0B3E75



5A3604

Square

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



0B3E75



702236



434000



004B47

Rectangle

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



0B3E75



5F295A



434000



004921

Sweetspot

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



0B3E75



708499



0B7542



34404D



CCCCCC



4D4D4D

Same Dimension

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



0B3E75



004A99



0D0B75



35383B



003B7A



0078FA

Inverse Universe

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



750B3E



99004A



73750B



3B3538



7A003B



FA0078

Previews

White Background



This preview shows how the Hex color 0B3E75 looks on a white background.

Color Contrast Check

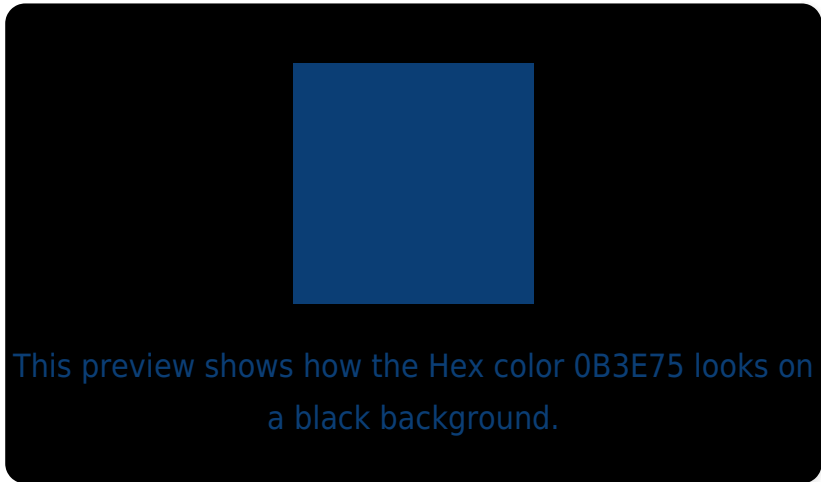
Large Text (above 18pt) WCAG AA ✓ Pass

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 0B3E75 Background



This preview shows how black text looks on a background with the Hex color 0B3E75.



This preview shows how white text looks on a background with the Hex color 0B3E75.

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



Trichromacy



Original Color
0B3E75

Protanomaly
1A3D74

Deuteranomaly
043F71

Tritanomaly
04425A

Monochromacy



Original Color
0B3E75

Achromatopsia
353535

Achromatomaly
26384C

CSS Examples

Text

The CSS property to change the color of the text to Hex 0B3E75 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 #0B3E75 looks like.

```
.text, #text, p{  
    color:#0B3E75  
}
```

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 #0B3E75 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0B3E75
}
```

Border

The CSS property to change the border of an element to Hex 0B3E75 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
#0B3E75 }
```

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

```
.border{ border-color:#0B3E75 }
```

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

Here you see how a box with a 4 pixel #0B3E75 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0B3E75; -webkit-box-shadow:4px 4px  
4px 4px #0B3E75; box-shadow:4px 4px 4px  
4px #0B3E75 }
```

Background

The CSS property to change the background color of an element to Hex 0B3E75 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0B3E75 }
```

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

```
.background{ background-color:#0B3E75 }
```

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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