

# Converting Colors

Hex(0C3669)

Have a look what the booklet for  
Hex(0C3669) contains.

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# Color

**Hex(0C3669)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0C3669
RGB	12, 54, 105
RGB Percent	5%, 21%, 41%
CMY	0.9529, 0.7882, 0.5882
CMYK	0.89, 0.49, 0.00, 0.59
HSL	213°, 79%, 23%
HSV	213°, 89%, 41%
XYZ	4.0206, 3.7364, 13.8739
YIQ	47.2560, -41.4030, 6.9570

# Conversions

## Conversions Part 2

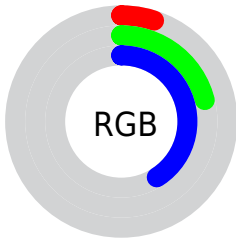
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	12, 41, 105
Decimal	800361
CIE Lab	22.78, 7.06, -33.78
CIE LCh	23, 34.509, 281.805
Yxy	3.7364, 0.1859, 0.1727
Android (android.graphics.Color)	4278990441 (0xFF0C3669)
YUV	47.2560, 28.4678, -30.9195
Hunter-Lab	19.3298, 3.3007, -29.0243

# Details

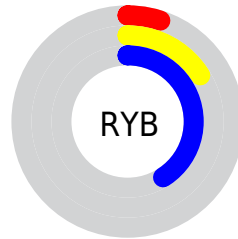
The Hex color **0C3669** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **693F0C**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **4A649D**, and **000A39** is the 20% darker color. If you saturate the color by 10%, you get **023069**, and if you desaturate by 10%, it is **173C69**.

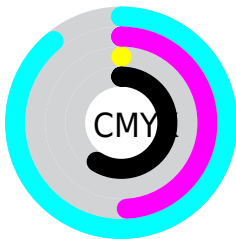
# Distribution



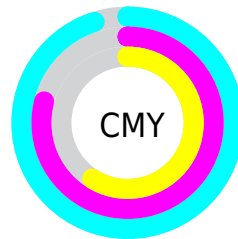
- Red (5%)
- Green (21%)
- Blue (41%)



- Red (5%)
- Yellow (16%)
- Blue (41%)



- Cyan (89%)
- Magenta (49%)
- Yellow (0%)
- Black (59%)



- Cyan (95%)
- Magenta (79%)
- Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0C3669 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 0C3669 by changing the saturation by 10% instead.





0C3669



0C3669

FFFFFF



002151



4A649D



000A39



647DB8



000223



7F97D4



00000A



9BB1F0



000000



B7CDFF



D3E9FF



F0FFFF



0C3669



0C3669

■ 023069

■ 173C69

■ 002F69

■ 214269

■ 2B4769

■ 364D69

■ 415369

■ 4B5969

■ 565E69

■ 606469

■ 6A6A69

# Harmonies

## Analogous

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



003E67



0C3669



442B5D

# Triad

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



0C3669



5F2415



004125

# Complementary

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



0C3669



693F0C

# 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.



1C3E0C



0C3669



4F2F00

# Square

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



0C3669



641C2D



3A3800



004240

# Rectangle

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



0C3669



56234F



3A3800



00401D



# Sweetspot

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



0C3669



65758A



0C693E



2F3945



C4C4C4



454545



# Same Dimension

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



0C3669



003E8A



0F0C69



303336



003575



006FF5



# Inverse Universe

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



690C36



8A003E



66690C



363033



750035



F5006F



# Previews

## White Background



This preview shows how the Hex color 0C3669 looks on a white background.

## Color Contrast Check

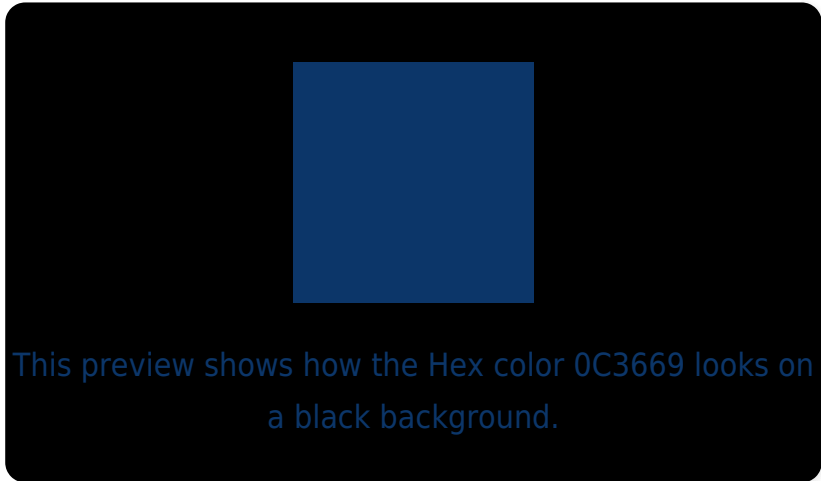
Large Text (above 18pt) WCAG AA ✓ Pass

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

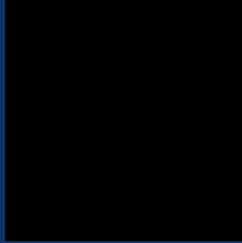
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 0C3669 Background



This preview shows how black text looks on a background with the Hex color 0C3669.

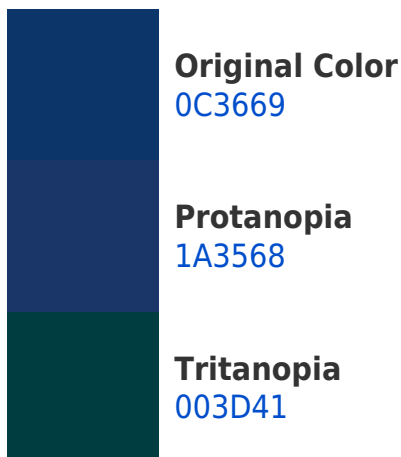


This preview shows how white text looks on a background with the Hex color 0C3669.

# 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**  
0C3669

**Protanomaly**  
153568

**Tritanomaly**  
043A50

# Monochromacy



**Original Color**  
0C3669

**Achromatopsia**  
2F2F2F

**Achromatomaly**  
223244

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0C3669 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 #0C3669 looks like.

```
.text, #text, p{  
    color:#0C3669  
}
```

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 #0C3669 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C3669
}
```

## Border

The CSS property to change the border of an element to Hex 0C3669 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
#0C3669 }
```

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

```
.border{ border-color:#0C3669 }
```

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

Here you see how a box with a 4 pixel #0C3669 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C3669; -webkit-box-shadow:4px 4px  
4px 4px #0C3669; box-shadow:4px 4px 4px  
4px #0C3669 }
```

# Background

The CSS property to change the background color of an element to Hex 0C3669 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C3669 }
```

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

```
.background{ background-color:#0C3669 }
```

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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