

# Converting Colors

Hex(0C3250)

Have a look what the booklet for  
Hex(0C3250) contains.

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# Color

**Hex(0C3250)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0C3250
RGB	12, 50, 80
RGB Percent	5%, 20%, 31%
CMY	0.9529, 0.8039, 0.6863
CMYK	0.85, 0.38, 0.00, 0.69
HSL	206°, 74%, 18%
HSV	206°, 85%, 31%
XYZ	2.7402, 2.9386, 8.0122
YIQ	42.0580, -32.2780, 1.2740

# Conversions

## Conversions Part 2

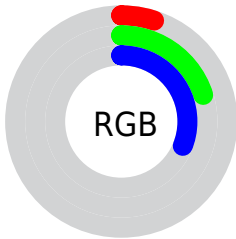
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	12, 36, 80
Decimal	799312
CIE <sub>Lab</sub>	19.80, -0.98, -22.09
CIE <sub>LCh</sub>	20, 22.114, 267.463
Yxy	2.9386, 0.2001, 0.2146
Android (android.graphics.Color)	4278989392 (0xFF0C3250)
YUV	42.0580, 18.7054, -26.3609
Hunter-Lab	17.1422, -1.4656, -15.7123

# Details

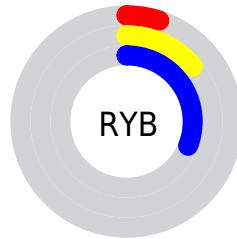
The Hex color **0C3250** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **502A0C**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **426081**, and **000224** is the 20% darker color. If you saturate the color by 10%, you get **042E50**, and if you desaturate by 10%, it is **143650**.

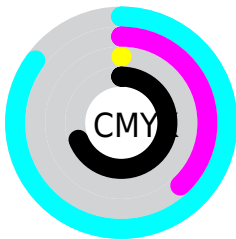
# Distribution



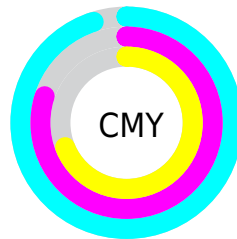
- Red (5%)
- Green (20%)
- Blue (31%)



- Red (5%)
- Yellow (14%)
- Blue (31%)



- Cyan (85%)
- Magenta (38%)
- Yellow (0%)
- Black (69%)



- Cyan (95%)
- Magenta (80%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0C3250 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 0C3250 by changing the saturation by 10% instead.



■ 0C3250

■ 0C3250

FFFFFF

■ 001D39

■ 426081

■ 000224

■ 5C799C

■ 00000B

■ 7692B7

■ 000000

■ 90ADD2

■ ACC8EF

■ C8E4FF

■ E4FFFF

■ 0C3250

■ 0C3250

■ 042E50

■ 143650

■ 002D50

■ 1C3950

■ 243D50

■ 2C4050

■ 344450

■ 3C4750

■ 444B50

■ 4C4E50

■ 545250

# Harmonies

## Analogous

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



00364B



0C3250



2F2C4D

# Triad

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



0C3250



4D2322



16361E

# Complementary

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



0C3250



502A0C

# 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.



2A3312



0C3250



472915

# Square

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



0C3250



4D2232



3A2F0E



00382E

# Rectangle

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



0C3250



3D2846



3A2F0E



1E3619



# Sweetspot

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



0C3250



4D5D69



0C5029



252E36



B5B5B5



363636



# Same Dimension

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



0C3250



003A69



0C1150



252729



0082E8

# Inverse Universe

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



500C32



69003A



504B0C



292527



E80082

# Previews

## White Background



This preview shows how the Hex color 0C3250 looks on a white background.

## Color Contrast Check

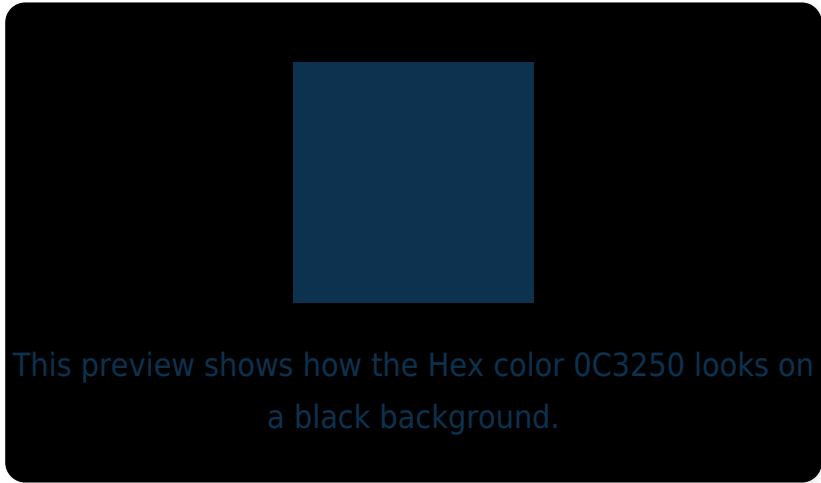
Large Text (above 18pt) WCAG AA ✓ Pass

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

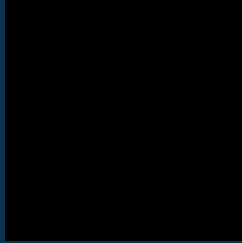
Any Text WCAG AA × Fail

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 0C3250 Background



This preview shows how black text looks on a background with the Hex color 0C3250.



This preview shows how white text looks on a background with the Hex color 0C3250.

# 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**  
0C3250

**Protanopia**  
242F4D

**Deuteranopia**  
1A3050





# Trichromacy



**Original Color**  
0C3250

**Protanomaly**  
1B304E

**Deuteranomaly**  
153150

**Tritanomaly**  
043541

# Monochromacy



**Original Color**  
0C3250

**Achromatopsia**  
2A2A2A

**Achromatomaly**  
1F2D38

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0C3250 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 #0C3250 looks like.

```
.text, #text, p{  
    color:#0C3250  
}
```

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 #0C3250 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C3250
}
```

## Border

The CSS property to change the border of an element to Hex 0C3250 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
#0C3250 }
```

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

```
.border{ border-color:#0C3250 }
```

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

Here you see how a box with a 4 pixel #0C3250 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C3250; -webkit-box-shadow:4px 4px  
4px 4px #0C3250; box-shadow:4px 4px 4px  
4px #0C3250 }
```

# Background

The CSS property to change the background color of an element to Hex 0C3250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C3250 }
```

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

```
.background{ background-color:#0C3250 }
```

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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