

# Converting Colors

Hex(0E1258)

Have a look what the booklet for  
Hex(0E1258) contains.

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# Color

**Hex(0E1258)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0E1258
RGB	14, 18, 88
RGB Percent	5%, 7%, 35%
CMY	0.9451, 0.9294, 0.6549
CMYK	0.84, 0.80, 0.00, 0.65
HSL	237°, 73%, 20%
HSV	237°, 84%, 35%
XYZ	2.1589, 1.2306, 9.3563
YIQ	24.7840, -24.8540, 20.9220

# Conversions

## Conversions Part 2

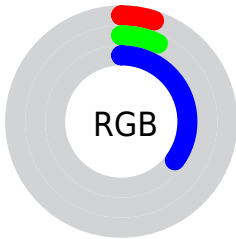
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	14, 18, 88
Decimal	922200
CIE <sub>Lab</sub>	10.78, 26.17, -42.08
CIE <sub>LCh</sub>	11, 49.553, 301.873
Yxy	1.2306, 0.1694, 0.0965
Android (android.graphics.Color)	4279112280 (0xFF0E1258)
YUV	24.7840, 31.1655, -9.4576
Hunter-Lab	11.0930, 15.3258, -42.2421

# Details

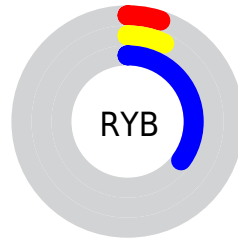
The Hex color **0E1258** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **58540E**, and the grayscale version is **191919**.

A 20% lighter version of the original color is **483D8B**, and **000329** is the 20% darker color. If you saturate the color by 10%, you get **050A58**, and if you desaturate by 10%, it is **171A58**.

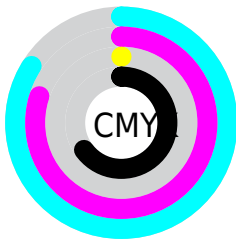
# Distribution



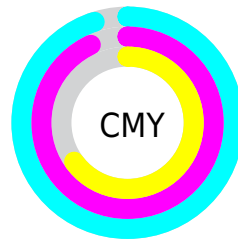
- Red (5%)
- Green (7%)
- Blue (35%)



- Red (5%)
- Yellow (7%)
- Blue (35%)



- Cyan (84%)
- Magenta (80%)
- Yellow (0%)
- Black (65%)



- Cyan (95%)
- Magenta (93%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0E1258 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 0E1258 by changing the saturation by 10% instead.



 0E1258

 0E1258

 FFF4FF

 000040

 483D8B

 000329

 6354A6

 000113

 7D6DC1

 000000

 9886DD

 B4A0FA

 D1BBFF

 EED7FF

 0E1258

 0E1258

■ 050A58

■ 171A58

■ 000558

■ 202358

■ 282B58

■ 313358

■ 3A3C58

■ 434458

■ 4C4C58

■ 545558

■ 5D5D58

# Harmonies

## Analogous

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



002263



0E1258



44003E

# Triad

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



0E1258



3D0B00



002B1E

# Complementary

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



0E1258



58540E

# 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.



002900



0E1258



241D00

# Square

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



0E1258



4F0000



002500



002B40

# Rectangle

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



0E1258



500028



002500



002A12



# Sweetspot

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



0E1258



565873



0E5853



292A3B



BABABA



3B3B3B



# Same Dimension

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



0E1258



000673



2E0E58



27272B



00066B



000DEB



# Inverse Universe

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



580E12



730006



38580E



2B2727



6B0006

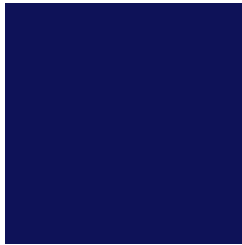


EB000D



# Previews

## White Background



This preview shows how the Hex color 0E1258 looks on a white background.

## Color Contrast Check

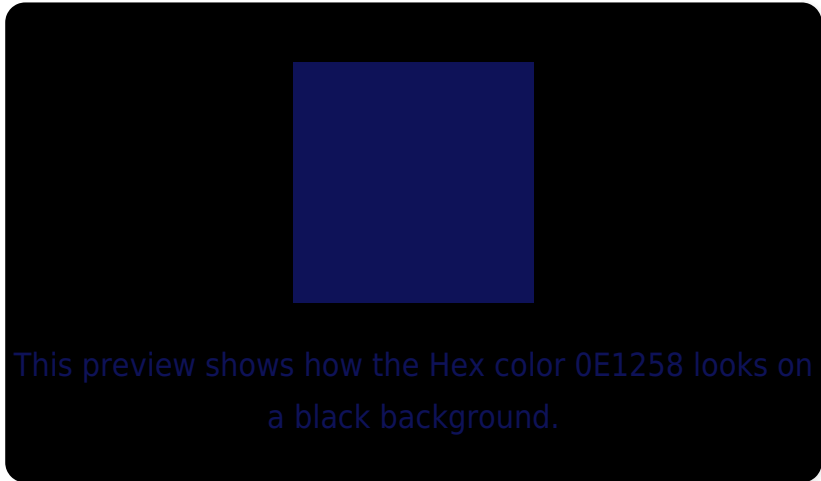
Large Text (above 18pt) WCAG AA ✓ Pass

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

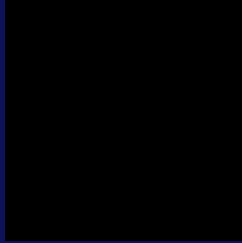
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 0E1258 Background



This preview shows how black text looks on a background with the Hex color 0E1258.



This preview shows how white text looks on a background with the Hex color 0E1258.

# 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**  
0E1258

**Protanopia**  
001D3E

**Deuteranopia**  
001F35

# Trichromacy



**Original Color**  
0E1258

**Protanomaly**  
051947

**Deuteranomaly**  
051A42

# Monochromacy



**Original Color**  
0E1258

**Achromatopsia**  
191919

**Achromatomaly**  
151630

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0E1258 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 #0E1258 looks like.

```
.text, #text, p{  
    color:#0E1258  
}
```

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 #0E1258 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0E1258
}
```

## Border

The CSS property to change the border of an element to Hex 0E1258 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
#0E1258 }
```

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

```
.border{ border-color:#0E1258 }
```

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

Here you see how a box with a 4 pixel #0E1258 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0E1258; -webkit-box-shadow:4px 4px  
4px 4px #0E1258; box-shadow:4px 4px 4px  
4px #0E1258 }
```

# Background

The CSS property to change the background color of an element to Hex 0E1258 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0E1258 }
```

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

```
.background{ background-color:#0E1258 }
```

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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