

Converting Colors

Hex(0E1279)

Have a look what the booklet for
Hex(0E1279) contains.

Hex(0E1279)	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(0E1279)

Conversions

Conversions Part 1

Format	Color
Hex	0E1279
RGB	14, 18, 121
RGB Percent	5%, 7%, 47%
CMY	0.9451, 0.9294, 0.5255
CMYK	0.88, 0.85, 0.00, 0.53
HSL	238°, 79%, 26%
HSV	238°, 88%, 47%
XYZ	3.8486, 1.9065, 18.2543
YIQ	28.5460, -35.4470, 31.1850

Conversions

Conversions Part 2

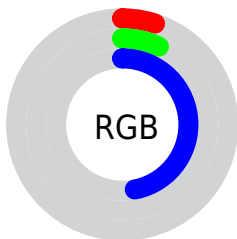
Format	Color
R_{YB}	14, 18, 121
Decimal	922233
CIE _{Lab}	14.99, 38.12, -56.85
CIE _{LCh}	15, 68.452, 303.845
Yxy	1.9065, 0.1603, 0.0794
Android (android.graphics.Color)	4279112313 (0xFF0E1279)
YUV	28.5460, 45.5798, -12.7568
Hunter-Lab	13.8074, 25.5910, -68.7199

Details

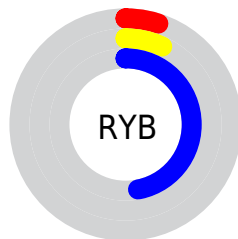
The Hex color **0E1279** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **79750E**, and the grayscale version is **1C1C1C**.

A 20% lighter version of the original color is **533FAF**, and **000047** is the 20% darker color. If you saturate the color by 10%, you get **020679**, and if you desaturate by 10%, it is **1A1E79**.

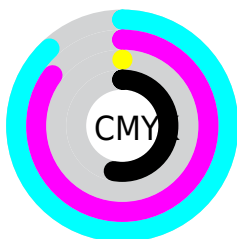
Distribution



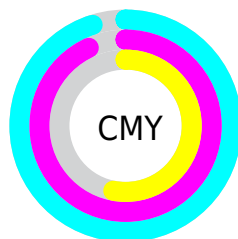
- Red (5%)
- Green (7%)
- Blue (47%)



- Red (5%)
- Yellow (7%)
- Blue (47%)



- Cyan (88%)
- Magenta (85%)
- Yellow (0%)
- Black (53%)



- Cyan (95%)
- Magenta (93%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0E1279 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 0E1279 by changing the saturation by 10% instead.

0E1279

0E1279

FFF8FF

00005F

533FAF

000047

6F57CA

00042F

8C70E7

00011A

A88AFF

000000

C5A4FF

E2C0FF

FFDCFF

0E1279

0E1279

■ 020679

■ 1A1E79

■ 000579

■ 262979

■ 323579

■ 3E4179

■ 4A4C79

■ 575879

■ 636479

■ 6F6F79

■ 7B7B79

Harmonies

Analogous

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



002D8B



0E1279



5F0051

Triad

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



0E1279



4F0B00



00362B

Complementary

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



0E1279



79750E

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.



003500



0E1279



2A2700

Square

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



0E1279



690000



003000



00375C

Rectangle

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



0E1279



6F0032



003000



00361A

Sweetspot

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



0E1279



73759E



0E7974



36374F



CFCFCF



4F4F4F

Same Dimension

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



0E1279



00069E



3E0E79



37373D



00057D



0009FC

Inverse Universe

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



790E12



9E0006



49790E



3D3737



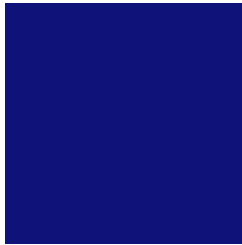
7D0005



FC0009

Previews

White Background



This preview shows how the Hex color 0E1279 looks on a white background.

Color Contrast Check

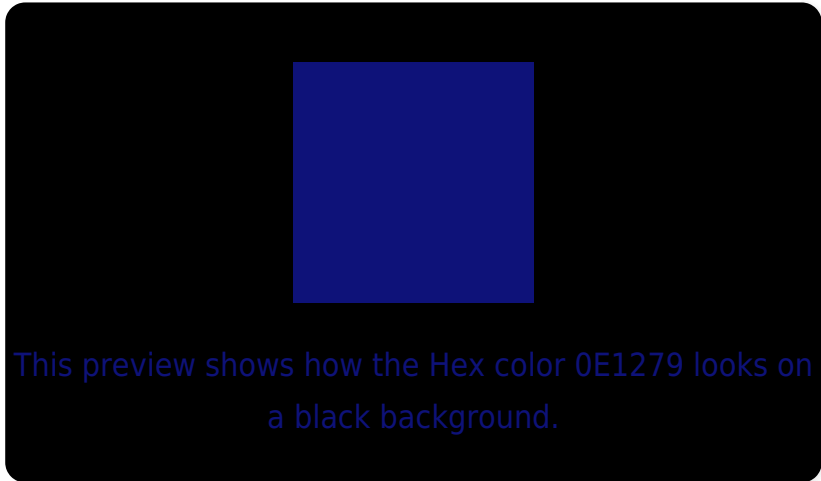
Large Text (above 18pt) WCAG AA ✓ Pass

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

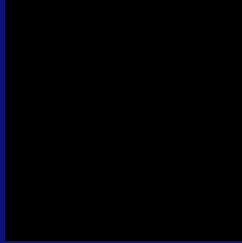
Any Text WCAG AA × Fail

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 0E1279 Background



This preview shows how black text looks on a background with the Hex color 0E1279.



This preview shows how white text looks on a background with the Hex color 0E1279.

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
0E1279

Protanopia
002650

Deuteranopia
002944

Trichromacy



Original Color

0E1279

Protanomaly

051F5F

Deuteranomaly

052157

Tritanomaly

052349

Monochromacy



Original Color

0E1279

Achromatopsia

1D1D1D

Achromatomaly

18193E

CSS Examples

Text

The CSS property to change the color of the text to Hex 0E1279 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 #0E1279 looks like.

```
.text, #text, p{  
    color:#0E1279  
}
```

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 #0E1279 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0E1279
}
```

Border

The CSS property to change the border of an element to Hex 0E1279 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
#0E1279 }
```

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

```
.border{ border-color:#0E1279 }
```

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

Here you see how a box with a 4 pixel #0E1279 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0E1279; -webkit-box-shadow:4px 4px  
4px 4px #0E1279; box-shadow:4px 4px 4px  
4px #0E1279 }
```

Background

The CSS property to change the background color of an element to Hex 0E1279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0E1279 }
```

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

```
.background{ background-color:#0E1279 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor