

Converting Colors

Hex(0E1871)

Have a look what the booklet for
Hex(0E1871) contains.

Hex(0E1871)	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(0E1871)

Conversions

Conversions Part 1

Format	Color
Hex	0E1871
RGB	14, 24, 113
RGB Percent	5%, 9%, 44%
CMY	0.9451, 0.9059, 0.5569
CMYK	0.88, 0.79, 0.00, 0.56
HSL	234°, 78%, 25%
HSV	234°, 88%, 44%
XYZ	3.4884, 1.9389, 15.8132
YIQ	31.1560, -34.5290, 25.5590

Conversions

Conversions Part 2

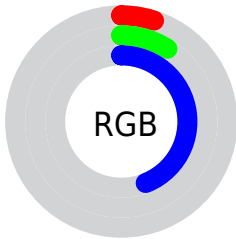
Format	Color
R_{YB}	14, 23, 113
Decimal	923761
CIE _{Lab}	15.16, 31.84, -51.40
CIE _{LCh}	15, 60.460, 301.776
Yxy	1.9389, 0.1642, 0.0913
Android (android.graphics.Color)	4279113841 (0xFF0E1871)
YUV	31.1560, 40.3491, -15.0458
Hunter-Lab	13.9244, 20.3506, -57.5854

Details

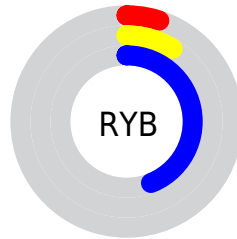
The Hex color **0E1871** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **71670E**, and the grayscale version is **1F1F1F**.

A 20% lighter version of the original color is **5044A6**, and **000040** is the 20% darker color. If you saturate the color by 10%, you get **030E71**, and if you desaturate by 10%, it is **192271**.

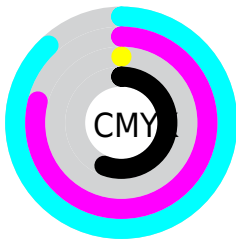
Distribution



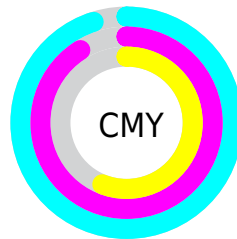
- Red (5%)
- Green (9%)
- Blue (44%)



- Red (5%)
- Yellow (9%)
- Blue (44%)



- Cyan (88%)
- Magenta (79%)
- Yellow (0%)
- Black (56%)



- Cyan (95%)
- Magenta (91%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0E1871 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 0E1871 by changing the saturation by 10% instead.

■ 0E1871

■ 0E1871

■ FFFDFF

■ 000358

■ 5044A6

■ 000040

■ 6B5CC1

■ 000329

■ 8775DE

■ 000113

■ A38EFB

■ 000000

■ C0A9FF

■ DDC4FF

■ FBE0FF

■ 0E1871

■ 0E1871

■ 030E71

■ 192271

■ 000B71

■ 252C71

■ 303671

■ 3B4171

■ 464B71

■ 525571

■ 5D5F71

■ 686971

■ 747371

Harmonies

Analogous

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



002D7F



0E1871



57004F

Triad

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



0E1871



4E0E00



003528

Complementary

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



0E1871



71670E

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.



003300



0E1871



2E2600

Square

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



0E1871



640000



002F00



003653

Rectangle

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



0E1871



660034



002F00



003518

Sweetspot

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



0E1871



6D7194



0E7165



33354A



C9C9C9



4A4A4A

Same Dimension

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



0E1871



000F94



340E71



323338



000C78



0019F7

Inverse Universe

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



710E18



94000F



4B710E



383233



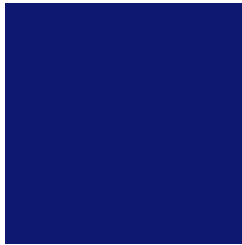
78000C



F70019

Previews

White Background



This preview shows how the Hex color 0E1871 looks on a white background.

Color Contrast Check

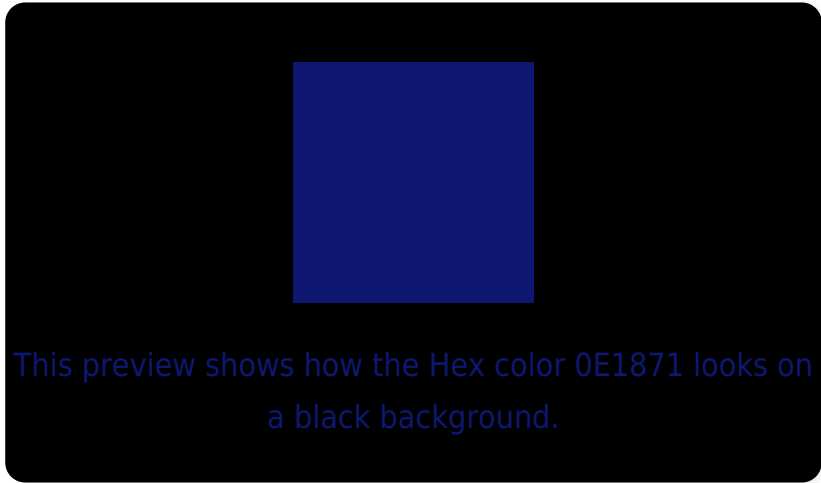
Large Text (above 18pt) WCAG AA ✓ Pass

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

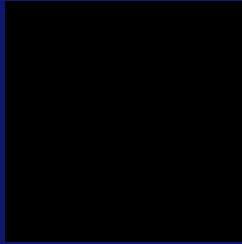
Any Text WCAG AA × Fail

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 0E1871 Background



This preview shows how black text looks on a background with the Hex color 0E1871.



This preview shows how white text looks on a background with the Hex color 0E1871.

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
0E1871

Protanopia
002650

Deuteranopia
002844

Trichromacy



Original Color
0E1871

Protanomaly
05215C

Deuteranomaly
052254

Tritanomaly
052546

Monochromacy



Original Color
0E1871

Achromatopsia
1F1F1F

Achromatomaly
191C3D

CSS Examples

Text

The CSS property to change the color of the text to Hex 0E1871 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 #0E1871 looks like.

```
.text, #text, p{  
    color:#0E1871  
}
```

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 #0E1871 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0E1871
}
```

Border

The CSS property to change the border of an element to Hex 0E1871 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
#0E1871 }
```

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

```
.border{ border-color:#0E1871 }
```

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

Here you see how a box with a 4 pixel #0E1871 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0E1871; -webkit-box-shadow:4px 4px  
4px 4px #0E1871; box-shadow:4px 4px 4px  
4px #0E1871 }
```

Background

The CSS property to change the background color of an element to Hex 0E1871 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0E1871 }
```

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

```
.background{ background-color:#0E1871 }
```

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