

Converting Colors

Hex(0E1950)

Have a look what the booklet for
Hex(0E1950) contains.

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Color

Hex(0E1950)

Conversions

Conversions Part 1

Format	Color
Hex	0E1950
RGB	14, 25, 80
RGB Percent	5%, 10%, 31%
CMY	0.9451, 0.9020, 0.6863
CMYK	0.82, 0.69, 0.00, 0.69
HSL	230°, 70%, 18%
HSV	230°, 82%, 31%
XYZ	1.9767, 1.3678, 7.7492
YIQ	27.9810, -24.2110, 14.7730

Conversions

Conversions Part 2

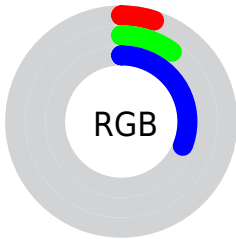
Format	Color
R_{YB}	14, 23, 80
Decimal	923984
CIE Lab	11.74, 17.92, -35.05
CIE LCh	12, 39.369, 297.083
Yxy	1.3678, 0.1782, 0.1233
Android (android.graphics.Color)	4279114064 (0xFF0E1950)
YUV	27.9810, 25.6454, -12.2613
Hunter-Lab	11.6953, 9.7025, -31.0984

Details

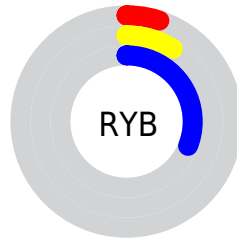
The Hex color **0E1950** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **50450E**, and the grayscale version is **1C1C1C**.

A 20% lighter version of the original color is **454482**, and **000222** is the 20% darker color. If you saturate the color by 10%, you get **061250**, and if you desaturate by 10%, it is **162050**.

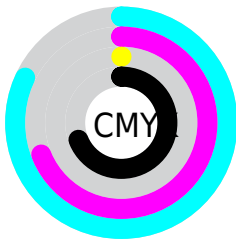
Distribution



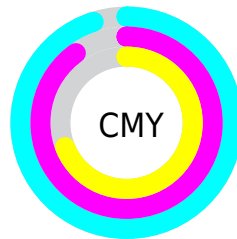
- Red (5%)
- Green (10%)
- Blue (31%)



- Red (5%)
- Yellow (9%)
- Blue (31%)



- Cyan (82%)
- Magenta (69%)
- Yellow (0%)
- Black (69%)



- Cyan (95%)
- Magenta (90%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0E1950 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 0E1950 by changing the saturation by 10% instead.

0E1950

0E1950

FFFCFF

000039

454482

000222

5E5B9C

000009

7974B7

000000

938DD3

AFA8F0

CBC3FF

E7DFFF

0E1950

0E1950

■ 061250

■ 162050

■ 000D50

■ 1E2650

■ 262D50

■ 2E3450

■ 363A50

■ 3E4150

■ 464850

■ 4E4E50

■ 565550

Harmonies

Analogous

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



002456



0E1950



3B043D

Triad

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



0E1950



3E1000



002A1B

Complementary

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



0E1950



50450E

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.



002800



0E1950



2A1D00

Square

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



0E1950



4A0002



0F2400



002A37

Rectangle

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



0E1950



47002C



0F2400



002A12

Sweetspot

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



0E1950



4E5369



0E5045



252836



B5B5B5



363636

Same Dimension

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



0E1950



011269



240E50



252529



001169



0027E8

Inverse Universe

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



500E19



690112



3A500E



292525



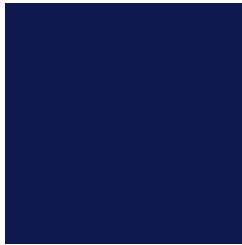
690011



E80027

Previews

White Background



This preview shows how the Hex color 0E1950 looks on a white background.

Color Contrast Check

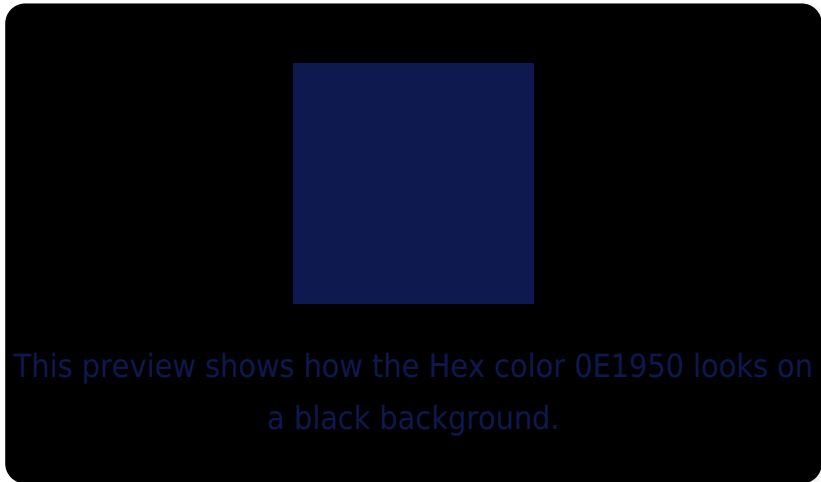
Large Text (above 18pt) WCAG AA ✓ Pass

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

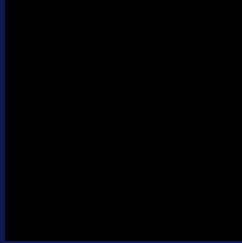
Any Text WCAG AA × Fail

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 0E1950 Background



This preview shows how black text looks on a background with the Hex color 0E1950.



This preview shows how white text looks on a background with the Hex color 0E1950.

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
0E1950

Protanopia
001F41

Deuteranopia
002137

Trichromacy



Original Color
0E1950

Protanomaly
051D46

Deuteranomaly
051E40

Tritanomaly
051F35

Monochromacy



Original Color
0E1950

Achromatopsia
1C1C1C

Achromatomaly
171B2F

CSS Examples

Text

The CSS property to change the color of the text to Hex 0E1950 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 #0E1950 looks like.

```
.text, #text, p{  
    color:#0E1950  
}
```

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 #0E1950 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0E1950
}
```

Border

The CSS property to change the border of an element to Hex 0E1950 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
#0E1950 }
```

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

```
.border{ border-color:#0E1950 }
```

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

Here you see how a box with a 4 pixel #0E1950 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0E1950; -webkit-box-shadow:4px 4px  
4px 4px #0E1950; box-shadow:4px 4px 4px  
4px #0E1950 }
```

Background

The CSS property to change the background color of an element to Hex 0E1950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0E1950 }
```

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

```
.background{ background-color:#0E1950 }
```

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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