

Converting Colors

Hex(0E1558)

Have a look what the booklet for
Hex(0E1558) contains.

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Color

Hex(0E1558)

Conversions

Conversions Part 1

Format	Color
Hex	0E1558
RGB	14, 21, 88
RGB Percent	5%, 8%, 35%
CMY	0.9451, 0.9176, 0.6549
CMYK	0.84, 0.76, 0.00, 0.65
HSL	234°, 73%, 20%
HSV	234°, 84%, 35%
XYZ	2.2107, 1.3343, 9.3735
YIQ	26.5450, -25.6790, 19.3530

Conversions

Conversions Part 2

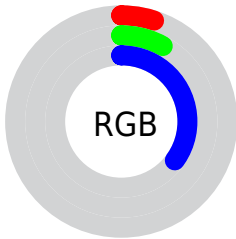
Format	Color
R_{YB}	14, 20, 88
Decimal	922968
CIE _{Lab}	11.51, 24.13, -40.87
CIE _{LCh}	12, 47.467, 300.560
Yxy	1.3343, 0.1711, 0.1033
Android (android.graphics.Color)	4279113048 (0xFF0E1558)
YUV	26.5450, 30.2973, -11.0020
Hunter-Lab	11.5511, 13.9481, -40.0273

Details

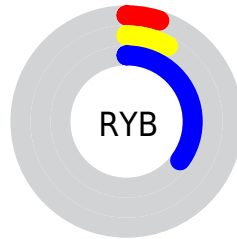
The Hex color **0E1558** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **58510E**, and the grayscale version is **1A1A1A**.

A 20% lighter version of the original color is **48408B**, and **000329** is the 20% darker color. If you saturate the color by 10%, you get **050D58**, and if you desaturate by 10%, it is **171D58**.

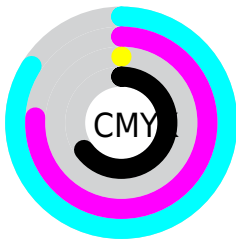
Distribution



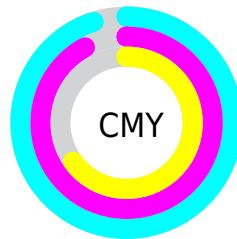
- Red (5%)
- Green (8%)
- Blue (35%)



- Red (5%)
- Yellow (8%)
- Blue (35%)



- Cyan (84%)
- Magenta (76%)
- Yellow (0%)
- Black (65%)



- Cyan (95%)
- Magenta (92%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0E1558 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 0E1558 by changing the saturation by 10% instead.

0E1558

0E1558

FFF7FF

000040

48408B

000329

6257A5

000113

7D70C1

000000

9889DD

B4A4FA

D0BFFF

EDDBFF

0E1558

0E1558

■ 050D58

■ 171D58

■ 000858

■ 202558

■ 282D58

■ 313558

■ 3A3D58

■ 434558

■ 4C4D58

■ 545558

■ 5D5D58

Harmonies

Analogous

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



002462



0E1558



43003F

Triad

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



0E1558



3F0D00



002C1E

Complementary

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



0E1558



58510E

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.



002A00



0E1558



271E00

Square

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



0E1558



500000



002600



002C3F

Rectangle

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



0E1558



50002A



002600



002C12

Sweetspot

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



0E1558



565973



0E5851



292B3B



BABABA



3B3B3B

Same Dimension

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



0E1558



000B73



2C0E58



27272B



000A6B



0016EB

Inverse Universe

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



580E15



73000B



3A580E



2B2727



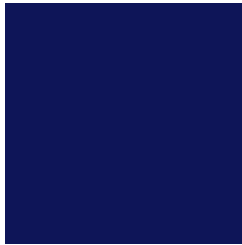
6B000A



EB0016

Previews

White Background



This preview shows how the Hex color 0E1558 looks on a white background.

Color Contrast Check

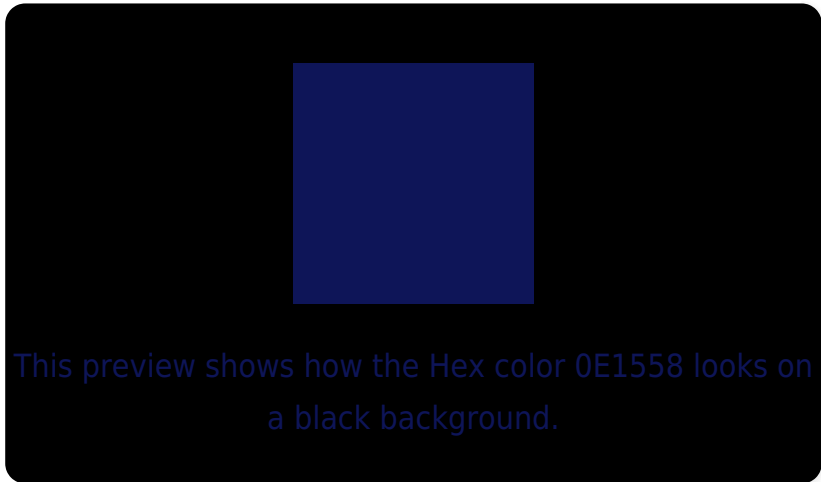
Large Text (above 18pt) WCAG AA ✓ Pass

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

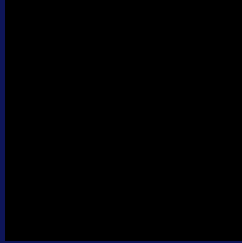
Any Text WCAG AA × Fail

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 0E1558 Background



This preview shows how black text looks on a background with the Hex color 0E1558.



This preview shows how white text looks on a background with the Hex color 0E1558.

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
0E1558

Protanopia
001F40

Deuteranopia
002137

Trichromacy



Original Color
0E1558

Protanomaly
051B49

Deuteranomaly
051D43

Tritanomaly
051E38

Monochromacy



Original Color
0E1558

Achromatopsia
1B1B1B

Achromatomaly
161931

CSS Examples

Text

The CSS property to change the color of the text to Hex 0E1558 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 #0E1558 looks like.

```
.text, #text, p{  
    color:#0E1558  
}
```

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 #0E1558 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0E1558
}
```

Border

The CSS property to change the border of an element to Hex 0E1558 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
#0E1558 }
```

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

```
.border{ border-color:#0E1558 }
```

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

Here you see how a box with a 4 pixel #0E1558 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0E1558; -webkit-box-shadow:4px 4px  
4px 4px #0E1558; box-shadow:4px 4px 4px  
4px #0E1558 }
```

Background

The CSS property to change the background color of an element to Hex 0E1558 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0E1558 }
```

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

```
.background{ background-color:#0E1558 }
```

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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