

Converting Colors

Hex(0D1587)

Have a look what the booklet for
Hex(0D1587) contains.

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Color

Hex(0D1587)

Conversions

Conversions Part 1

Format	Color
Hex	0D1587
RGB	13, 21, 135
RGB Percent	5%, 8%, 53%
CMY	0.9490, 0.9176, 0.4706
CMYK	0.90, 0.84, 0.00, 0.47
HSL	236°, 82%, 29%
HSV	236°, 90%, 53%
XYZ	4.8073, 2.3712, 23.1260
YIQ	31.6040, -41.3620, 33.7580

Conversions

Conversions Part 2

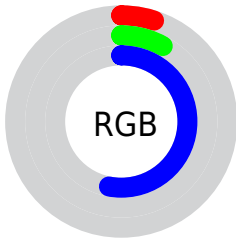
Format	Color
R_{YB}	13, 21, 135
Decimal	857479
CIE _{Lab}	17.33, 41.26, -61.87
CIE _{LCh}	17, 74.368, 303.701
Yxy	2.3712, 0.1586, 0.0782
Android (android.graphics.Color)	4279047559 (0xFF0D1587)
YUV	31.6040, 50.9742, -16.3157
Hunter-Lab	15.3986, 28.7788, -78.2641

Details

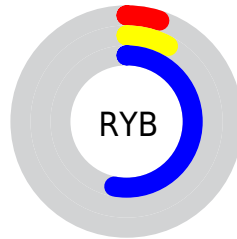
The Hex color **0D1587** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **877F0D**, and the grayscale version is **1F1F1F**.

A 20% lighter version of the original color is **5743BE**, and **000054** is the 20% darker color. If you saturate the color by 10%, you get **000987**, and if you desaturate by 10%, it is **1A2287**.

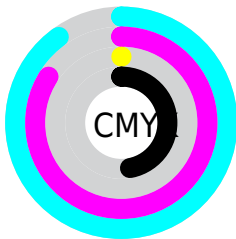
Distribution



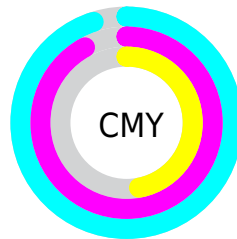
- Red (5%)
- Green (8%)
- Blue (53%)



- Red (5%)
- Yellow (8%)
- Blue (53%)



- Cyan (90%)
- Magenta (84%)
- Yellow (0%)
- Black (47%)



- Cyan (95%)
- Magenta (92%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0D1587 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 0D1587 by changing the saturation by 10% instead.

 0D1587

 0D1587

 FFFDFD


 00016D

 5743BE

 000054

 745BDA

 00063B

 9174F7

 000225

 AE8EFF

 00010D

 CBA9FF

 000000

 E9C4FF

 FFE1FF

 0D1587

 0D1587

■ 000987

■ 1A2287

■ 282E87

■ 353B87

■ 434787

■ 505487

■ 5E6187

■ 6B6D87

■ 797A87

■ 878787

Harmonies

Analogous

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



00339A



0D1587



69005B

Triad

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



0D1587



590D00



003C30

Complementary

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



0D1587



877F0D

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.



003A00



0D1587



302C00

Square

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



0D1587



750000



003600



003D66

Rectangle

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



0D1587



7B0038



003600



003C1D

Sweetspot

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



0D1587



8084B0



0D877F



3D3F59



D9D9D9



595959

Same Dimension

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



0D1587



000CB0



420D87



3C3C42



000982



000003

Inverse Universe

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



870D15



B0000C



52870D



423C3C



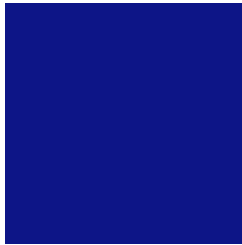
820009



030000

Previews

White Background



This preview shows how the Hex color 0D1587 looks on a white background.

Color Contrast Check

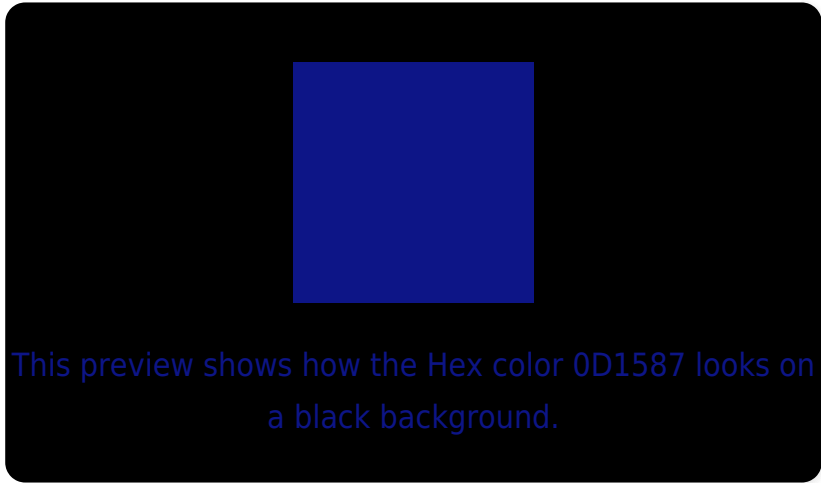
Large Text (above 18pt) WCAG AA ✓ Pass

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

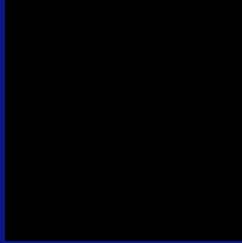
Any Text WCAG AA × Fail

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 0D1587 Background



This preview shows how black text looks on a background with the Hex color 0D1587.



This preview shows how white text looks on a background with the Hex color 0D1587.

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
0D1587

Protanopia
002B59

Deuteranopia
002D4C

Trichromacy



Original Color
0D1587

Protanomaly
05236A

Deuteranomaly
052461

Tritanomaly
052752

Monochromacy



Original Color
0D1587

Achromatopsia
202020

Achromatomaly
191C45

CSS Examples

Text

The CSS property to change the color of the text to Hex 0D1587 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 #0D1587 looks like.

```
.text, #text, p{  
    color:#0D1587  
}
```

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 #0D1587 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D1587
}
```

Border

The CSS property to change the border of an element to Hex 0D1587 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
#0D1587 }
```

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

```
.border{ border-color:#0D1587 }
```

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

Here you see how a box with a 4 pixel #0D1587 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D1587; -webkit-box-shadow:4px 4px  
4px 4px #0D1587; box-shadow:4px 4px 4px  
4px #0D1587 }
```

Background

The CSS property to change the background color of an element to Hex 0D1587 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D1587 }
```

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

```
.background{ background-color:#0D1587 }
```

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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