

Converting Colors

Hex(0D1498)

Have a look what the booklet for
Hex(0D1498) contains.

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Color

Hex(0D1498)

Conversions

Conversions Part 1

Format	Color
Hex	0D1498
RGB	13, 20, 152
RGB Percent	5%, 8%, 60%
CMY	0.9490, 0.9216, 0.4039
CMYK	0.91, 0.87, 0.00, 0.40
HSL	237°, 84%, 32%
HSV	237°, 91%, 60%
XYZ	6.0836, 2.8529, 29.9358
YIQ	32.9550, -46.5440, 39.5680

Conversions

Conversions Part 2

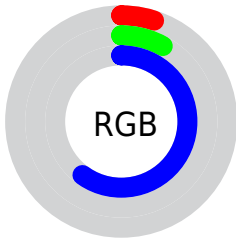
Format	Color
R_{YB}	13, 20, 152
Decimal	857240
CIE Lab	19.44, 47.23, -68.94
CIE LCh	19, 83.563, 304.414
Yxy	2.8529, 0.1565, 0.0734
Android (android.graphics.Color)	4279047320 (0xFF0D1498)
YUV	32.9550, 58.6892, -17.5005
Hunter-Lab	16.8905, 34.7341, -93.2592

Details

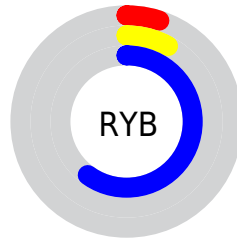
The Hex color **0D1498** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **98910D**, and the grayscale version is **202020**.

A 20% lighter version of the original color is **5C44D0**, and **000064** is the 20% darker color. If you saturate the color by 10%, you get **000898**, and if you desaturate by 10%, it is **1C2298**.

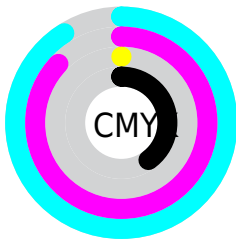
Distribution



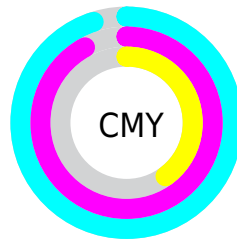
- Red (5%)
- Green (8%)
- Blue (60%)



- Red (5%)
- Yellow (8%)
- Blue (60%)



- Cyan (91%)
- Magenta (87%)
- Yellow (0%)
- Black (40%)



- Cyan (95%)
- Magenta (92%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0D1498 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 0D1498 by changing the saturation by 10% instead.

0D1498

0D1498

FFFFFF

00007D

5C44D0

000064

7B5CEC

00084A

9876FF

000433

B690FF

00021D

D4ABFF

000000

F2C6FF

FFE3FF

0D1498

0D1498

■ 000898

■ 1C2298

■ 2B3198

■ 3B3F98

■ 4A4E98

■ 595C98

■ 686B98

■ 777998

■ 878798

■ 969698

Harmonies

Analogous

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



0039AF



0D1498



780065

Triad

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



0D1498



620D00



004237

Complementary

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



0D1498



98910D

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.



004000



0D1498



333100

Square

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



0D1498



820000



003C00



004475

Rectangle

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



0D1498



8B003E



003C00



004221

Sweetspot

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



0D1498



8F92C4



0D988F



444563



E3E3E3



636363

Same Dimension

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



0D1498



000AC4



490D98



45454D



00078C



00010D

Inverse Universe

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



980D14



C4000A



5C980D



4D4545



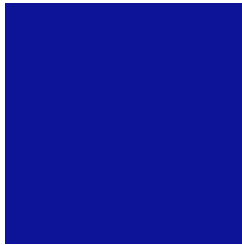
8C0007



0D0001

Previews

White Background



This preview shows how the Hex color 0D1498 looks on a white background.

Color Contrast Check

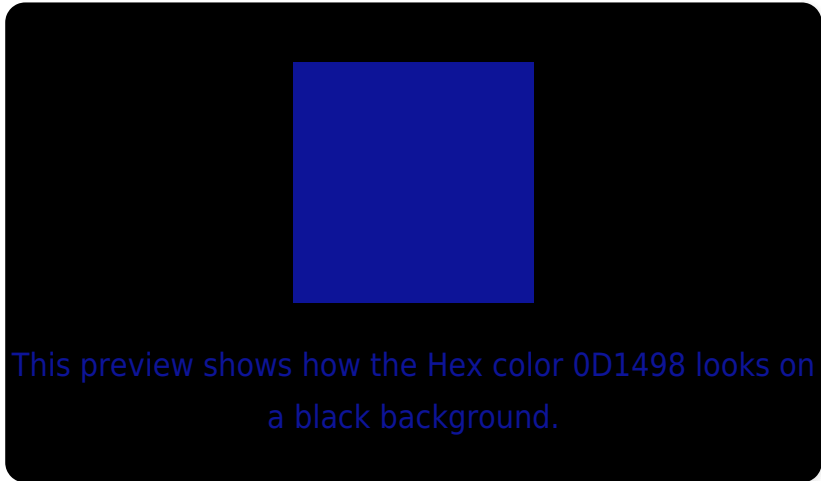
Large Text (above 18pt) WCAG AA ✓ Pass

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

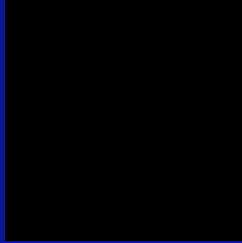
Any Text WCAG AA × Fail

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 0D1498 Background



This preview shows how black text looks on a background with the Hex color 0D1498.



This preview shows how white text looks on a background with the Hex color 0D1498.

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
0D1498

Protanopia
002F62

Deuteranopia
003253

Trichromacy



Original Color
0D1498

Protanomaly
052576

Deuteranomaly
05276C

Tritanomaly
052A5B

Monochromacy



Original Color
0D1498

Achromatopsia
212121

Achromatomaly
1A1C4C

CSS Examples

Text

The CSS property to change the color of the text to Hex 0D1498 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 #0D1498 looks like.

```
.text, #text, p{  
    color:#0D1498  
}
```

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 #0D1498 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D1498
}
```

Border

The CSS property to change the border of an element to Hex 0D1498 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
#0D1498 }
```

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

```
.border{ border-color:#0D1498 }
```

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

Here you see how a box with a 4 pixel #0D1498 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D1498; -webkit-box-shadow:4px 4px  
4px 4px #0D1498; box-shadow:4px 4px 4px  
4px #0D1498 }
```

Background

The CSS property to change the background color of an element to Hex 0D1498 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D1498 }
```

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

```
.background{ background-color:#0D1498 }
```

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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