

Converting Colors

Hex(0C1484)

Have a look what the booklet for
Hex(0C1484) contains.

Hex(0C1484)	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(0C1484)

Conversions

Conversions Part 1

Format	Color
Hex	0C1484
RGB	12, 20, 132
RGB Percent	5%, 8%, 52%
CMY	0.9529, 0.9216, 0.4824
CMYK	0.91, 0.85, 0.00, 0.48
HSL	236°, 83%, 28%
HSV	236°, 91%, 52%
XYZ	4.5666, 2.2444, 22.0223
YIQ	30.3760, -40.7200, 33.1360

Conversions

Conversions Part 2

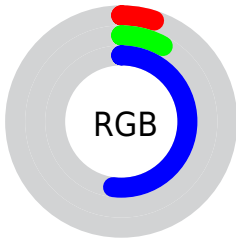
Format	Color
R_{YB}	12, 20, 132
Decimal	791684
CIE _{Lab}	16.72, 40.73, -60.98
CIE _{LCh}	17, 73.335, 303.739
Yxy	2.2444, 0.1584, 0.0778
Android (android.graphics.Color)	4278981764 (0xFF0C1484)
YUV	30.3760, 50.1006, -16.1158
Hunter-Lab	14.9814, 28.1931, -76.6681

Details

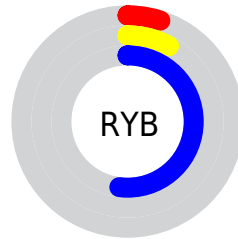
The Hex color **0C1484** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **847C0C**, and the grayscale version is **1E1E1E**.

A 20% lighter version of the original color is **5642BA**, and **000051** is the 20% darker color. If you saturate the color by 10%, you get **000984**, and if you desaturate by 10%, it is **192084**.

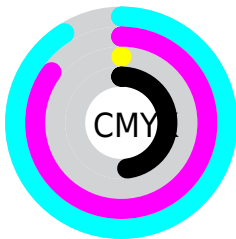
Distribution



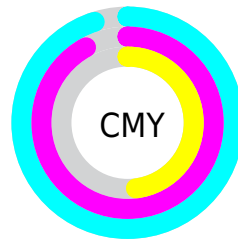
- Red (5%)
- Green (8%)
- Blue (52%)



- Red (5%)
- Yellow (8%)
- Blue (52%)



- Cyan (91%)
- Magenta (85%)
- Yellow (0%)
- Black (48%)



- Cyan (95%)
- Magenta (92%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0C1484 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 0C1484 by changing the saturation by 10% instead.

0C1484

0C1484

FFFCFF

00006A

5642BA

000051

735AD7

000539

9073F3

000222

AC8DFF

000009

CAA8FF

000000

E7C3FF

FFDFFF

0C1484

0C1484

■ 000984

■ 192084

■ 262D84

■ 343984

■ 414584

■ 4E5284

■ 5B5E84

■ 686A84

■ 767784

■ 838384

Harmonies

Analogous

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



003297



0C1484



670059

Triad

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



0C1484



560C00



003B2F

Complementary

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



0C1484



847C0C

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.



003900



0C1484



2E2A00

Square

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



0C1484



720000



003400



003C64

Rectangle

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



0C1484



780037



003400



003A1C

Sweetspot

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



0C1484



7D80AB



0C847C



3B3D57



D6D6D6



575757

Same Dimension

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



0C1484



000BAB



400C84



3C3C42



000982



000003

Inverse Universe

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



840C14



AB000B



50840C



423C3C



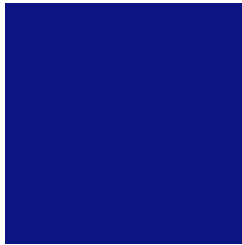
820009



030000

Previews

White Background



This preview shows how the Hex color 0C1484 looks on a white background.

Color Contrast Check

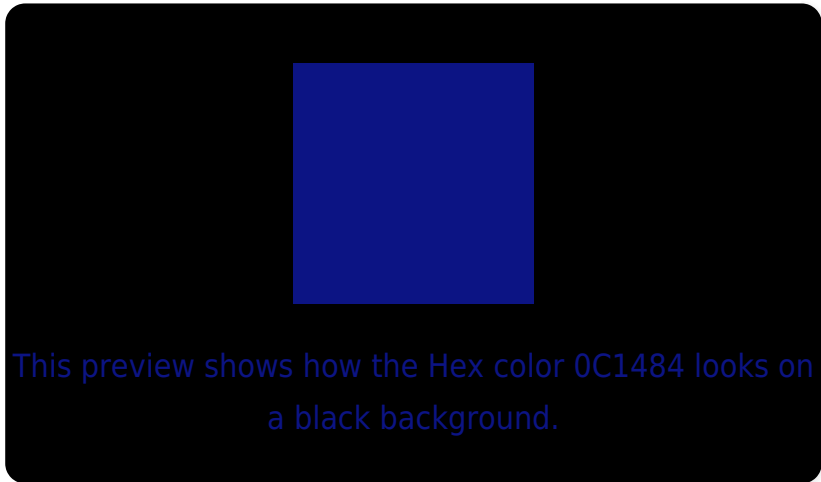
Large Text (above 18pt) WCAG AA ✓ Pass

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

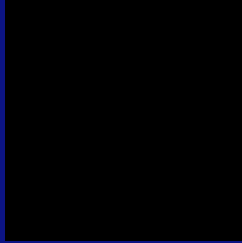
Any Text WCAG AA × Fail

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 0C1484 Background



This preview shows how black text looks on a background with the Hex color 0C1484.



This preview shows how white text looks on a background with the Hex color 0C1484.

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
0C1484

Protanopia
002957

Deuteranopia
002C4A

Trichromacy



Original Color
0C1484

Protanomaly
042167

Deuteranomaly
04235F

Tritanomaly
042650

Monochromacy



Original Color
0C1484

Achromatopsia
1E1E1E

Achromatomaly
171A43

CSS Examples

Text

The CSS property to change the color of the text to Hex 0C1484 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 #0C1484 looks like.

```
.text, #text, p{  
    color:#0C1484  
}
```

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 #0C1484 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C1484
}
```

Border

The CSS property to change the border of an element to Hex 0C1484 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
#0C1484 }
```

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

```
.border{ border-color:#0C1484 }
```

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

Here you see how a box with a 4 pixel #0C1484 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C1484; -webkit-box-shadow:4px 4px  
4px 4px #0C1484; box-shadow:4px 4px 4px  
4px #0C1484 }
```

Background

The CSS property to change the background color of an element to Hex 0C1484 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C1484 }
```

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

```
.background{ background-color:#0C1484 }
```

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