

Converting Colors

Hex(001378)

Have a look what the booklet for
Hex(001378) contains.

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Color

Hex(001378)

Conversions

Conversions Part 1

Format	Color
Hex	001378
RGB	0, 19, 120
RGB Percent	0%, 7%, 47%
CMY	1.0000, 0.9255, 0.5294
CMYK	1.00, 0.84, 0.00, 0.53
HSL	230°, 100%, 24%
HSV	230°, 100%, 47%
XYZ	3.6230, 1.8218, 17.9300
YIQ	24.8330, -43.7450, 27.3830

Conversions

Conversions Part 2

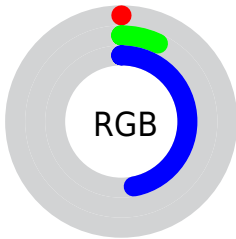
Format	Color
RYB	0, 16, 120
Decimal	4984
CIELab	14.52, 36.71, -57.00
CIELCh	15, 67.796, 302.783
Yxy	1.8218, 0.1550, 0.0779
Android (android.graphics.Color)	4278195064 (0xFF001378)
YUV	24.8330, 46.9173, -21.7785
Hunter-Lab	13.4974, 24.2931, -69.3125

Details

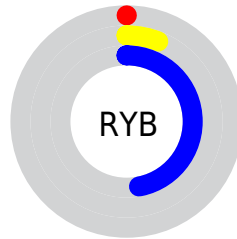
The Hex color **001378** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **786500**, and the grayscale version is **181818**.

A 20% lighter version of the original color is **4E3FAE**, and **000046** is the 20% darker color. If you saturate the color by 10%, you get **001378**, and if you desaturate by 10%, it is **0C1D78**.

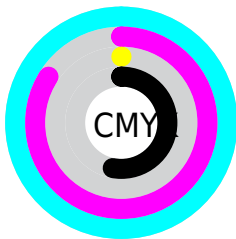
Distribution



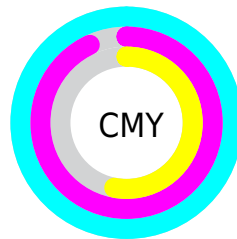
- Red (0%)
- Green (7%)
- Blue (47%)



- Red (0%)
- Yellow (6%)
- Blue (47%)



- Cyan (100%)
- Magenta (84%)
- Yellow (0%)
- Black (53%)



- Cyan (100%)
- Magenta (93%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 001378 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 001378 by changing the saturation by 10% instead.

 001378

 001378

 FFF8FF

 00005F

 4E3FAE

 000046

 6B57C9

 00042F

 8770E6

 000119

 A48AFF

 000000

 C0A4FF

 DEC0FF

 FCDCFF

 001378

■ 0C1D78

■ 182778

■ 243178

■ 303B78

■ 3C4678

■ 485078

■ 545A78

■ 606478

■ 6C6E78

Harmonies

Analogous

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



002D88



001378



5C0052

Triad

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



001378



4F0800



003528

Complementary

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



001378



786500

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.



003300



001378



2B2500

Square

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



001378



680000



002F00



003659

Rectangle

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



001378



6C0032



002F00



003417

Sweetspot

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



001378



6D749C



007864



33374F



CFCFCF



4F4F4F

Same Dimension

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



001378



00199C



280078



37383D



00147D



0028FC

Inverse Universe

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



780013



9C0019



507800



3D3738



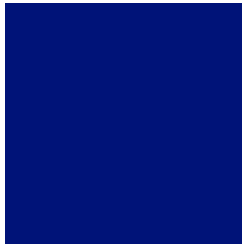
7D0014



FC0028

Previews

White Background



This preview shows how the Hex color 001378 looks on a white background.

Color Contrast Check

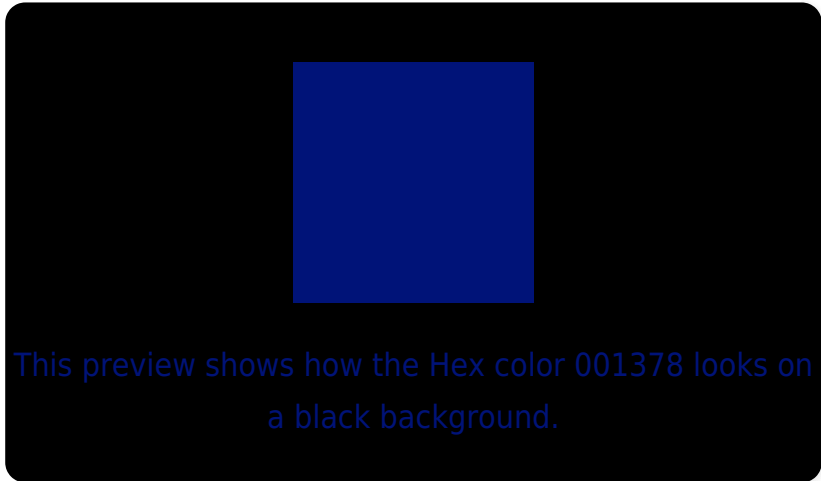
Large Text (above 18pt) WCAG AA ✓ Pass

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 001378 Background



This preview shows how black text looks on a background with the Hex color 001378.



This preview shows how white text looks on a background with the Hex color 001378.

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
001378

Deuteranopia
002843

Tritanopia
002B2D

Trichromacy



Original Color
001378

Deuteranomaly
002056

Tritanomaly
002248

Monochromacy



Original Color
001378

Achromatopsia
191919

Achromatomaly
10173C

CSS Examples

Text

The CSS property to change the color of the text to Hex 001378 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 #001378 looks like.

```
.text, #text, p{  
    color:#001378  
}
```

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 #001378 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #001378
}
```

Border

The CSS property to change the border of an element to Hex 001378 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
#001378 }
```

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

```
.border{ border-color:#001378 }
```

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

Here you see how a box with a 4 pixel #001378 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #001378; -webkit-box-shadow:4px 4px  
4px 4px #001378; box-shadow:4px 4px 4px  
4px #001378 }
```

Background

The CSS property to change the background color of an element to Hex 001378 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#001378 }
```

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

```
.background{ background-color:#001378 }
```

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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