

Converting Colors

Hex(130378)

Have a look what the booklet for
Hex(130378) contains.

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Color

Hex(130378)

Conversions

Conversions Part 1

Format	Color
Hex	130378
RGB	19, 3, 120
RGB Percent	7%, 1%, 47%
CMY	0.9255, 0.9882, 0.5294
CMYK	0.84, 0.98, 0.00, 0.53
HSL	248°, 95%, 24%
HSV	248°, 98%, 47%
XYZ	3.6913, 1.5596, 17.8758
YIQ	21.1220, -28.0210, 39.7790

Conversions

Conversions Part 2

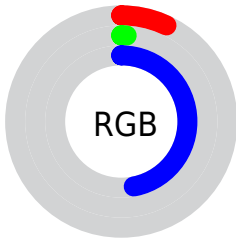
Format	Color
R_{YB}	19, 3, 120
Decimal	1246072
CIE _{Lab}	12.98, 44.40, -59.54
CIE _{LCh}	13, 74.275, 306.711
Yxy	1.5596, 0.1596, 0.0674
Android (android.graphics.Color)	4279436152 (0xFF130378)
YUV	21.1220, 48.7469, -1.8610
Hunter-Lab	12.4885, 30.9050, -76.1242

Details

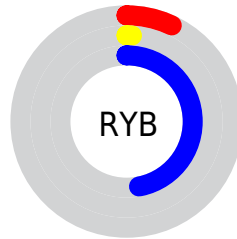
The Hex color **130378** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **687803**, and the grayscale version is **151515**.

A 20% lighter version of the original color is **5635AE**, and **000046** is the 20% darker color. If you saturate the color by 10%, you get **100078**, and if you desaturate by 10%, it is **1D0F78**.

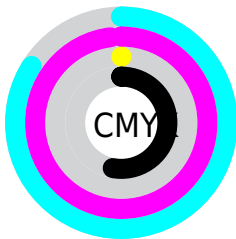
Distribution



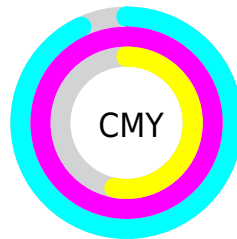
- Red (7%)
- Green (1%)
- Blue (47%)



- Red (7%)
- Yellow (1%)
- Blue (47%)



- Cyan (84%)
- Magenta (98%)
- Yellow (0%)
- Black (53%)



- Cyan (93%)
- Magenta (99%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 130378 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 130378 by changing the saturation by 10% instead.

■ 130378

■ 130378

■ FFEFFF

■ 00005F

■ 5635AE

■ 000046

■ 724DCA

■ 00042E

■ 8F66E6

■ 000119

■ AC80FF

■ 000000

■ C99AFF

■ E6B5FF

■ FFD1FF

■ 130378

■ 130378

■ 100078

■ 1D0F78

■ 281B78

■ 322778

■ 3C3378

■ 473F78

■ 514B78

■ 5C5778

■ 666378

■ 706F78

Harmonies

Analogous

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



00298E



130378



61004C

Triad

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



130378



490700



00312D

Complementary

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



130378



687803

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.



003000



130378



202400

Square

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



130378



650000



002D00



003460

Rectangle

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



130378



6F002A



002D00



00301A

Sweetspot

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



130378



756E9C



036878



37334F



CFCFCF



4F4F4F

Same Dimension

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



130378



15009C



4D0378



38373D



11007D



2300FC

Inverse Universe

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



780368



9C0086



2E7803



3D373C



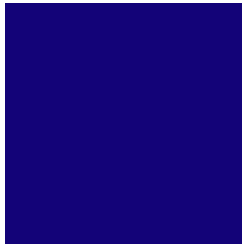
7D006C



FC00DA

Previews

White Background



This preview shows how the Hex color 130378 looks on a white background.

Color Contrast Check

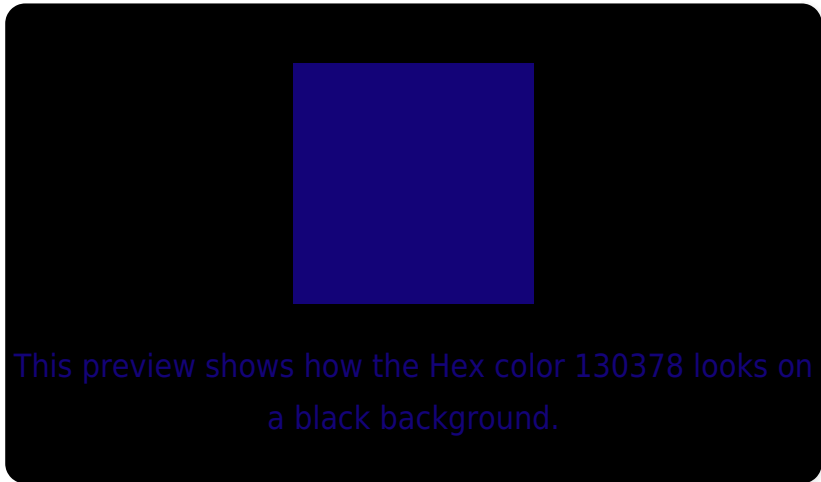
Large Text (above 18pt) WCAG AA ✓ Pass

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

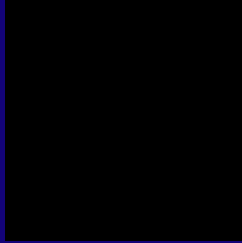
Any Text WCAG AA × Fail

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 130378 Background



This preview shows how black text looks on a background with the Hex color 130378.



This preview shows how white text looks on a background with the Hex color 130378.

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
130378

Protanopia
00244B

Deuteranopia
002640



Tritanopia
00292B

Trichromacy



Original Color
130378

Protanomaly
07185B

Deuteranomaly
071954

Tritanomaly
071B47

Monochromacy



Original Color
130378

Achromatopsia
151515

Achromatomaly
140E39

CSS Examples

Text

The CSS property to change the color of the text to Hex 130378 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 #130378 looks like.

```
.text, #text, p{  
    color:#130378  
}
```

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 #130378 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #130378
}
```

Border

The CSS property to change the border of an element to Hex 130378 is called "border". The border property can be set on classes, ids or directly on the HTML element.

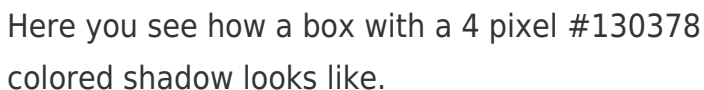
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#130378 }
```

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

```
.border{ border-color:#130378 }
```

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



Here you see how a box with a 4 pixel #130378 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #130378; -webkit-box-shadow:4px 4px  
4px 4px #130378; box-shadow:4px 4px 4px  
4px #130378 }
```

Background

The CSS property to change the background color of an element to Hex 130378 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#130378 }
```

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

```
.background{ background-color:#130378 }
```

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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