

Converting Colors

Hex(0C2178)

Have a look what the booklet for
Hex(0C2178) contains.

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Color

Hex(0C2178)

Conversions

Conversions Part 1

Format	Color
Hex	0C2178
RGB	12, 33, 120
RGB Percent	5%, 13%, 47%
CMY	0.9529, 0.8706, 0.5294
CMYK	0.90, 0.72, 0.00, 0.53
HSL	228°, 82%, 26%
HSV	228°, 90%, 47%
XYZ	4.0856, 2.5219, 18.0407
YIQ	36.6390, -40.4430, 22.6050

Conversions

Conversions Part 2

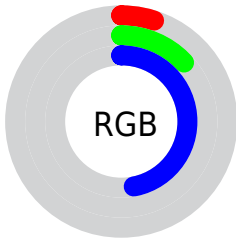
Format	Color
R_{YB}	12, 30, 120
Decimal	795000
CIE Lab	18.02, 28.52, -51.20
CIE LCh	18, 58.607, 299.123
Yxy	2.5219, 0.1658, 0.1023
Android (android.graphics.Color)	4278985080 (0xFF0C2178)
YUV	36.6390, 41.0970, -21.6084
Hunter-Lab	15.8806, 18.1320, -56.2383

Details

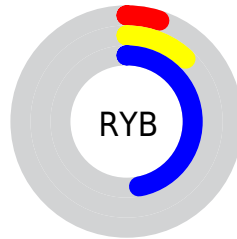
The Hex color **0C2178** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **78630C**, and the grayscale version is **242424**.

A 20% lighter version of the original color is **504DAD**, and **000046** is the 20% darker color. If you saturate the color by 10%, you get **001778**, and if you desaturate by 10%, it is **182B78**.

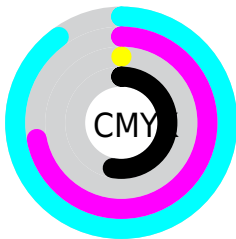
Distribution



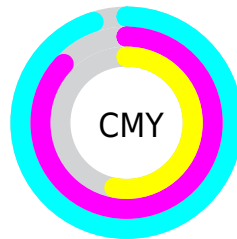
- Red (5%)
- Green (13%)
- Blue (47%)



- Red (5%)
- Yellow (12%)
- Blue (47%)



- Cyan (90%)
- Magenta (72%)
- Yellow (0%)
- Black (53%)



- Cyan (95%)
- Magenta (87%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0C2178 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 0C2178 by changing the saturation by 10% instead.



0C2178



0C2178

FFFFFF



000D5F



504DAD



000046



6C65C9



00042F



887EE5



000119



A498FF



000000



C1B3FF



DECFFF



FCEBFF



0C2178



0C2178

■ 001778

■ 182B78

■ 243478

■ 303E78

■ 3C4878

■ 485178

■ 545B78

■ 606578

■ 6C6E78

■ 787878

Harmonies

Analogous

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



003383



0C2178



5A0058

Triad

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



0C2178



581300



003B2A

Complementary

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



0C2178



78630C

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



0C2178



392B00

Square

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



0C2178



6C0000



063500



003C55

Rectangle

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



0C2178



6B003D



063500



003B1A

Sweetspot

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



0C2178



727A9C



0C7862



363B4F



CFCFCF



4F4F4F

Same Dimension

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



0C2178



001E9C



2C0C78



37383D



00187D



0031FC

Inverse Universe

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



780C21



9C001E



58780C



3D3738



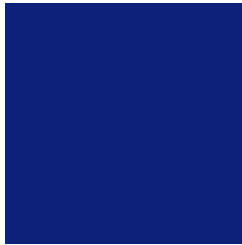
7D0018



FC0031

Previews

White Background



This preview shows how the Hex color 0C2178 looks on a white background.

Color Contrast Check

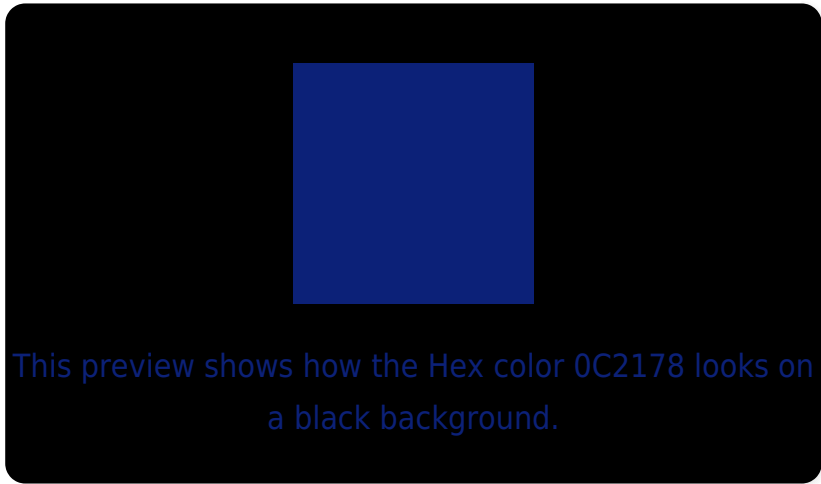
Large Text (above 18pt) WCAG AA ✓ Pass

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

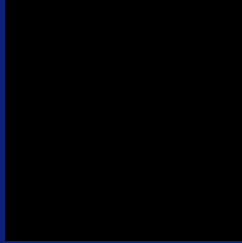
Any Text WCAG AA × Fail

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 0C2178 Background



This preview shows how black text looks on a background with the Hex color 0C2178.



This preview shows how white text looks on a background with the Hex color 0C2178.

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
0C2178

Protanopia
002B5B

Deuteranopia
002E4E

Trichromacy



Original Color
0C2178

Protanomaly
042766

Deuteranomaly
04295D

Tritanomaly
042C4D

Monochromacy



Original Color
0C2178

Achromatopsia
252525

Achromatomaly
1C2443

CSS Examples

Text

The CSS property to change the color of the text to Hex 0C2178 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 #0C2178 looks like.

```
.text, #text, p{  
    color:#0C2178  
}
```

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 #0C2178 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C2178
}
```

Border

The CSS property to change the border of an element to Hex 0C2178 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
#0C2178 }
```

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

```
.border{ border-color:#0C2178 }
```

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

Here you see how a box with a 4 pixel #0C2178 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C2178; -webkit-box-shadow:4px 4px  
4px 4px #0C2178; box-shadow:4px 4px 4px  
4px #0C2178 }
```

Background

The CSS property to change the background color of an element to Hex 0C2178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C2178 }
```

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

```
.background{ background-color:#0C2178 }
```

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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