

Converting Colors

Hex(10178F)

Have a look what the booklet for
Hex(10178F) contains.

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Color

Hex(10178F)

Conversions

Conversions Part 1

Format	Color
Hex	10178F
RGB	16, 23, 143
RGB Percent	6%, 9%, 56%
CMY	0.9373, 0.9098, 0.4392
CMYK	0.89, 0.84, 0.00, 0.44
HSL	237°, 80%, 31%
HSV	237°, 89%, 56%
XYZ	5.4780, 2.7061, 26.2202
YIQ	34.5870, -42.6920, 35.8360

Conversions

Conversions Part 2

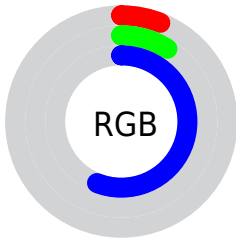
Format	Color
R _Y B	16, 23, 143
Decimal	1054607
CIE Lab	18.83, 43.02, -64.38
CIE LCh	19, 77.436, 303.752
Yxy	2.7061, 0.1592, 0.0787
Android (android.graphics.Color)	4279244687 (0xFF10178F)
YUV	34.5870, 53.4476, -16.3008
Hunter-Lab	16.4503, 30.6531, -82.9874

Details

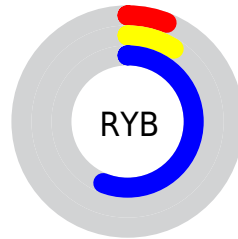
The Hex color **10178F** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **8F8810**, and the grayscale version is **222222**.

A 20% lighter version of the original color is **5A45C6**, and **00005B** is the 20% darker color. If you saturate the color by 10%, you get **02098F**, and if you desaturate by 10%, it is **1E258F**.

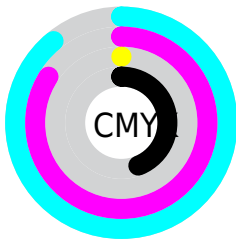
Distribution



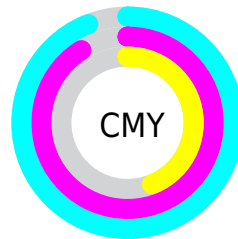
- Red (6%)
- Green (9%)
- Blue (56%)



- Red (6%)
- Yellow (9%)
- Blue (56%)



- Cyan (89%)
- Magenta (84%)
- Yellow (0%)
- Black (44%)



- Cyan (94%)
- Magenta (91%)
- Yellow (44%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 10178F 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 10178F by changing the saturation by 10% instead.

■ 10178F

■ 10178F

FFFFFF

■ 000275

■ 5A45C6

■ 00005B

■ 785EE3

■ 000742

■ 9577FF

■ 00032B

■ B291FF

■ 000116

■ D0ACFF

■ 000000

■ EEC8FF

■ FFE4FF

■ 10178F

■ 10178F

■ 02098F

■ 1E258F

■ 00088F

■ 2D328F

■ 3B408F

■ 494D8F

■ 585B8F

■ 66688F

■ 74768F

■ 82838F

■ 91918F

Harmonies

Analogous

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



0037A3



10178F



700061

Triad

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



10178F



5E0F00



004034

Complementary

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



10178F



8F8810

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.



003E00



10178F



332F00

Square

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



10178F



7C0000



003A00



00416D

Rectangle

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



10178F



83003C



003A00



004020

Sweetspot

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



10178F



888BBA



108F87



40425E



DEDEDE



5E5E5E

Same Dimension

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



10178F



000ABA



47108F



404147



000787



000008

Inverse Universe

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



8F1017



BA000A



588F10



474041



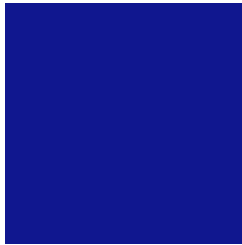
870007



080000

Previews

White Background



This preview shows how the Hex color 10178F looks on a white background.

Color Contrast Check

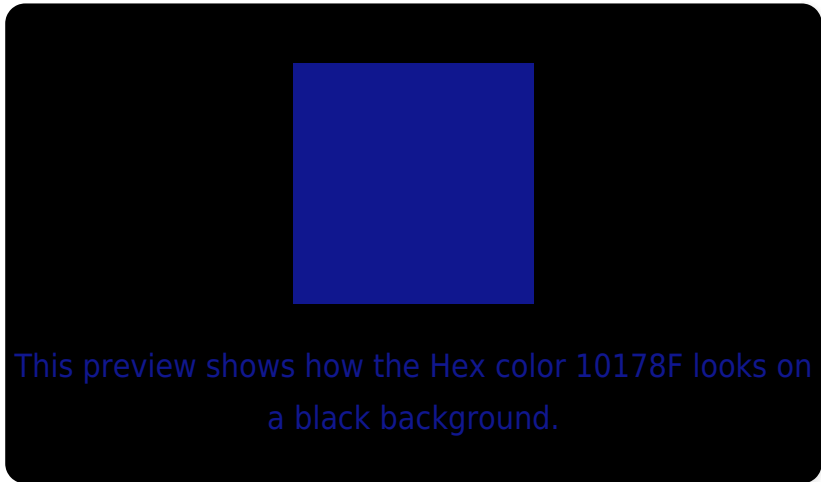
Large Text (above 18pt) WCAG AA ✓ Pass

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

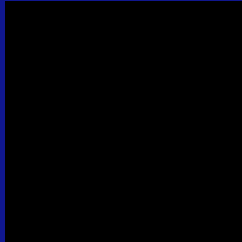
Any Text WCAG AA × Fail

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 10178F Background



This preview shows how black text looks on a background with the Hex color 10178F.



This preview shows how white text looks on a background with the Hex color 10178F.

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
10178F

Protanopia
002D5F

Deuteranopia
003151

Trichromacy



Original Color
10178F

Protanomaly
062570

Deuteranomaly
062868

Tritanomaly
062957

Monochromacy



Original Color
10178F

Achromatopsia
232323

Achromatomaly
1C1F4A

CSS Examples

Text

The CSS property to change the color of the text to Hex 10178F 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 #10178F looks like.

```
.text, #text, p{  
    color:#10178F  
}
```

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 #10178F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #10178F
}
```

Border

The CSS property to change the border of an element to Hex 10178F is called "border". The border property can be set on classes, ids or directly on the HTML element.

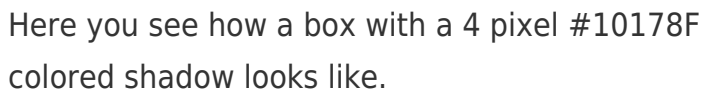
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#10178F }
```

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

```
.border{ border-color:#10178F }
```

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



Here you see how a box with a 4 pixel #10178F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #10178F; -webkit-box-shadow:4px 4px  
4px 4px #10178F; box-shadow:4px 4px 4px  
4px #10178F }
```

Background

The CSS property to change the background color of an element to Hex 10178F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#10178F }
```

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

```
.background{ background-color:#10178F }
```

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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