

Converting Colors

Hex(1D198F)

Have a look what the booklet for
Hex(1D198F) contains.

Hex(1D198F)	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(1D198F)

Conversions

Conversions Part 1

Format	Color
Hex	1D198F
RGB	29, 25, 143
RGB Percent	11%, 10%, 56%
CMY	0.8863, 0.9020, 0.4392
CMYK	0.80, 0.83, 0.00, 0.44
HSL	242°, 70%, 33%
HSV	242°, 83%, 56%
XYZ	5.8123, 2.9396, 26.2477
YIQ	39.6480, -35.4940, 37.5460

Conversions

Conversions Part 2

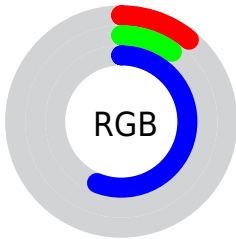
Format	Color
R_{YB}	29, 25, 143
Decimal	1907087
CIE _{Lab}	19.80, 42.67, -62.75
CIE _{LCh}	20, 75.884, 304.220
Yxy	2.9396, 0.1661, 0.0840
Android (android.graphics.Color)	4280097167 (0xFF1D198F)
YUV	39.6480, 50.9525, -9.3383
Hunter-Lab	17.1454, 30.5067, -78.7646

Details

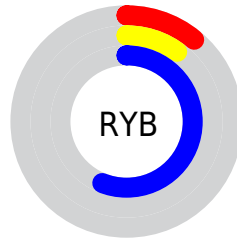
The Hex color **1D198F** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **8B8F19**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **6048C6**, and **00005B** is the 20% darker color. If you saturate the color by 10%, you get **0F0B8F**, and if you desaturate by 10%, it is **2B278F**.

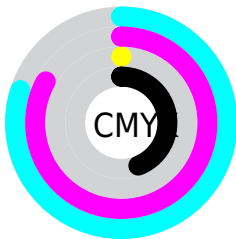
Distribution



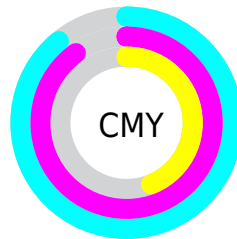
- Red (11%)
- Green (10%)
- Blue (56%)



- Red (11%)
- Yellow (10%)
- Blue (56%)



- Cyan (80%)
- Magenta (83%)
- Yellow (0%)
- Black (44%)



- Cyan (89%)
- Magenta (90%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1D198F 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 1D198F by changing the saturation by 10% instead.

■ 1D198F

■ 1D198F

FFFFFF

■ 000275

■ 6048C6

■ 00005B

■ 7D60E3

■ 000743

■ 9A7AFF

■ 00032B

■ B794FF

■ 000116

■ D4AFFF

■ 000000

■ F2CAFF

■ FFE7FF

■ 1D198F

■ 1D198F

0F0B8F

2B278F

05008F

39368F

46448F

54528F

62618F

706F8F

7E7D8F

8C8B8F

999A8F

Harmonies

Analogous

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



0038A4



1D198F



720062

Triad

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



1D198F



601300



004237

Complementary

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



1D198F



8B8F19

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.



004000



1D198F



353100

Square

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



1D198F



7D0000



003C00



00436F

Rectangle

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



1D198F



84003D



003C00



004223

Sweetspot

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



1D198F



8D8CBA



198B8F



43425E



DEDEDE



5E5E5E

Same Dimension

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



1D198F



0802BA



58198F



414047



050087



000008

Inverse Universe

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



8F198B



BA02B4



508F19



474047



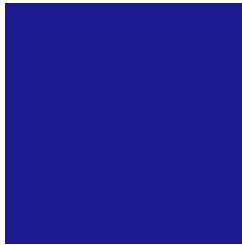
870083



080007

Previews

White Background



This preview shows how the Hex color 1D198F looks on a white background.

Color Contrast Check

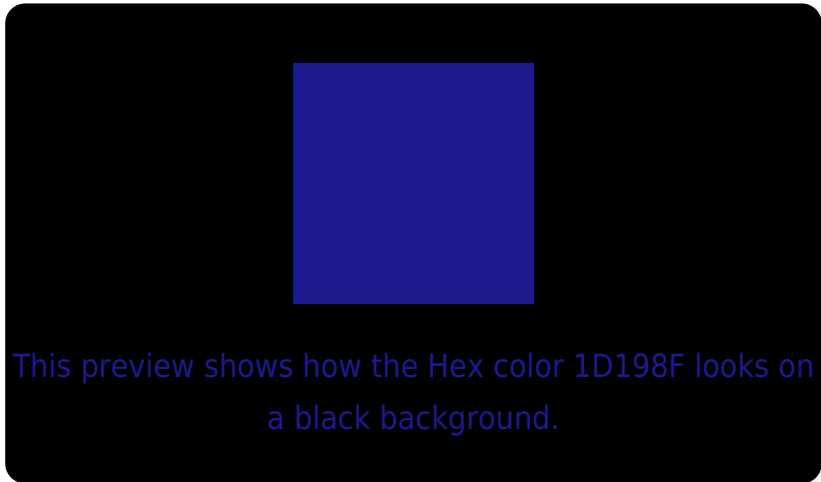
Large Text (above 18pt) WCAG AA ✓ Pass

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

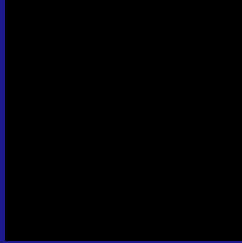
Any Text WCAG AA × Fail

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 1D198F Background



This preview shows how black text looks on a background with the Hex color 1D198F.



This preview shows how white text looks on a background with the Hex color 1D198F.

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
1D198F

Protanopia
002F63

Deuteranopia
003254

Trichromacy



Original Color
1D198F

Protanomaly
0B2773

Deuteranomaly
0B2969

Tritanomaly
0B2B58

Monochromacy



Original Color
1D198F

Achromatopsia
282828

Achromatomaly
24234D

CSS Examples

Text

The CSS property to change the color of the text to Hex 1D198F 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 #1D198F looks like.

```
.text, #text, p{  
    color:#1D198F  
}
```

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 #1D198F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1D198F
}
```

Border

The CSS property to change the border of an element to Hex 1D198F 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
#1D198F }
```

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

```
.border{ border-color:#1D198F }
```

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

Here you see how a box with a 4 pixel #1D198F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1D198F; -webkit-box-shadow:4px 4px  
4px 4px #1D198F; box-shadow:4px 4px 4px  
4px #1D198F }
```

Background

The CSS property to change the background color of an element to Hex 1D198F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1D198F }
```

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

```
.background{ background-color:#1D198F }
```

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