

Converting Colors

Hex(1F0081)

Have a look what the booklet for
Hex(1F0081) contains.

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Color

Hex(1F0081)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 1F0081 |
| RGB | 31, 0, 129 |
| RGB Percent | 12%, 0%, 51% |
| CMY | 0.8784, 1.0000, 0.4941 |
| CMYK | 0.76, 1.00, 0.00, 0.49 |
| HSL | 254°, 100%, 25% |
| HSV | 254°, 100%, 51% |
| XYZ | 4.5275, 1.8763, 20.8924 |
| YIQ | 23.9750, -22.9330, 46.6910 |

Conversions

Conversions Part 2

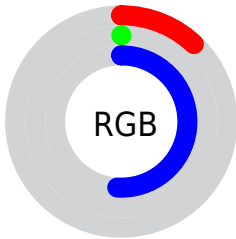
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 31, 0, 129 |
| Decimal | 2031745 |
| CIE _{Lab} | 14.82, 48.39, -62.21 |
| CIE _{LCh} | 15, 78.813, 307.876 |
| Yxy | 1.8763, 0.1659, 0.0687 |
| Android (android.graphics.Color) | 4280221825 (0xFF1F0081) |
| YUV | 23.9750, 51.7773, 6.1609 |
| Hunter-Lab | 13.6978, 35.0286, -80.8432 |

Details

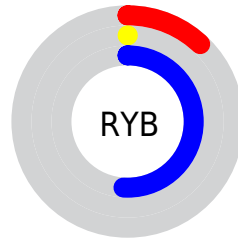
The Hex color **1F0081** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **628100**, and the grayscale version is **171717**.

A 20% lighter version of the original color is **5F35B7**, and **00004E** is the 20% darker color. If you saturate the color by 10%, you get **1F0081**, and if you desaturate by 10%, it is **290D81**.

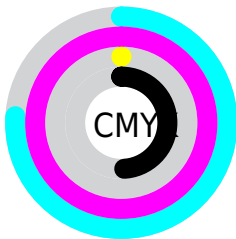
Distribution



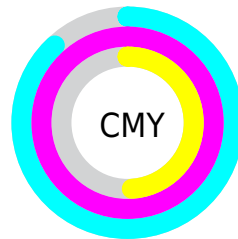
- Red (12%)
- Green (0%)
- Blue (51%)



- Red (12%)
- Yellow (0%)
- Blue (51%)



- Cyan (76%)
- Magenta (100%)
- Yellow (0%)
- Black (49%)



- Cyan (88%)
- Magenta (100%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Hex color 1F0081 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 1F0081 by changing the saturation by 10% instead.

 1F0081

 1F0081

 FFF0FF

 000067


 5F35B7

 00004E

 7C4ED3

 000536

 9867F0

 000220

 B581FF

 000004

 D39CFF

 000000

 F0B7FF

 FFD3FF

 1F0081

■ 290D81

■ 331A81

■ 3C2781

■ 463481

■ 504181

■ 5A4D81

■ 645A81

■ 6D6781

■ 777481

Harmonies

Analogous

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



002D9A



1F0081



6B0051

Triad

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



1F0081



4E0C00



003634

Complementary

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



1F0081



628100

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.



003500



1F0081



222900

Square

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



1F0081



6D0000



003200



00396B

Rectangle

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



1F0081



79002C



003200



003520

Sweetspot

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



1F0081



8276A8



006381



3D3654



D4D4D4



545454

Same Dimension

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



1F0081



2800A8



5F0081



3B3940



1F0080



000000

Inverse Universe

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



810062



A80080



228100



40393E



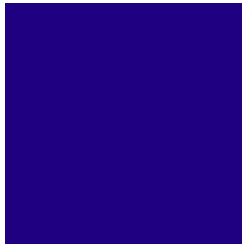
800061



000000

Previews

White Background



This preview shows how the Hex color 1F0081 looks on a white background.

Color Contrast Check

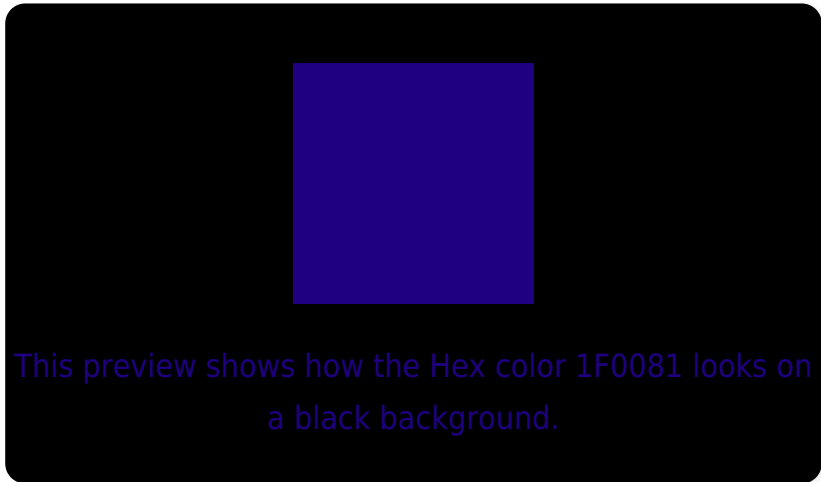
Large Text (above 18pt) WCAG AA ✓ Pass

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

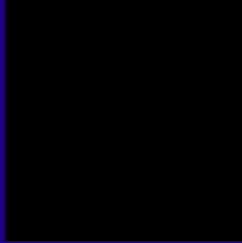
Any Text WCAG AA × Fail

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 1F0081 Background



This preview shows how black text looks on a background with the Hex color 1F0081.



This preview shows how white text looks on a background with the Hex color 1F0081.

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
1F0081

Protanopia
002854

Deuteranopia
002B47

Trichromacy



Original Color
1F0081

Protanomaly
0B1964

Deuteranomaly
0B1B5C

Tritanomaly
0B1D4D

Monochromacy



Original Color
1F0081

Achromatopsia
181818

Achromatomaly
1B0F3E

CSS Examples

Text

The CSS property to change the color of the text to Hex 1F0081 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 #1F0081 looks like.

```
.text, #text, p{  
    color:#1F0081  
}
```

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 #1F0081 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1F0081
}
```

Border

The CSS property to change the border of an element to Hex 1F0081 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".

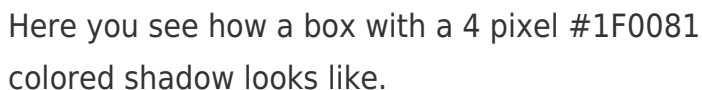
```
.border, #border, table{ border:4px solid
#1F0081 }
```

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

```
.border{ border-color:#1F0081 }
```

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

Here you see how a box with a 4 pixel #1F0081 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1F0081; -webkit-box-shadow:4px 4px  
4px 4px #1F0081; box-shadow:4px 4px 4px  
4px #1F0081 }
```

Background

The CSS property to change the background color of an element to Hex 1F0081 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1F0081 }
```

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

```
.background{ background-color:#1F0081 }
```

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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