

Converting Colors

Hex(1F007D)

Have a look what the booklet for
Hex(1F007D) contains.

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Color

Hex(1F007D)

Conversions

Conversions Part 1

Format	Color
Hex	1F007D
RGB	31, 0, 125
RGB Percent	12%, 0%, 49%
CMY	0.8784, 1.0000, 0.5098
CMYK	0.75, 1.00, 0.00, 0.51
HSL	255°, 100%, 25%
HSV	255°, 100%, 49%
XYZ	4.2667, 1.7720, 19.5192
YIQ	23.5190, -21.6490, 45.4470

Conversions

Conversions Part 2

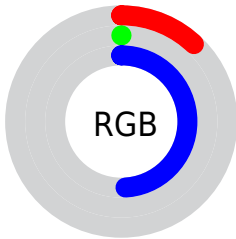
Format	Color
R_{YB}	31, 0, 125
Decimal	2031741
CIE Lab	14.24, 47.35, -60.63
CIE LCh	14, 76.927, 307.987
Yxy	1.7720, 0.1669, 0.0693
Android (android.graphics.Color)	4280221821 (0xFF1F007D)
YUV	23.5190, 50.0301, 6.5608
Hunter-Lab	13.3116, 33.9193, -77.6208

Details

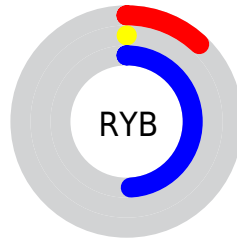
The Hex color **1F007D** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **5E7D00**, and the grayscale version is **171717**.

A 20% lighter version of the original color is **5E35B3**, and **00004A** is the 20% darker color. If you saturate the color by 10%, you get **1F007D**, and if you desaturate by 10%, it is **280C7D**.

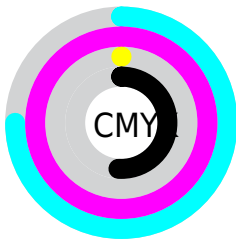
Distribution



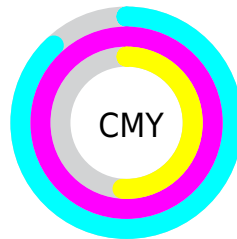
- Red (12%)
- Green (0%)
- Blue (49%)



- Red (12%)
- Yellow (0%)
- Blue (49%)



- Cyan (75%)
- Magenta (100%)
- Yellow (0%)
- Black (51%)



- Cyan (88%)
- Magenta (100%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1F007D 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 1F007D by changing the saturation by 10% instead.

 1F007D

 1F007D

 FFEFFF

 000063

 5E35B3

 00004A

 7A4DCF

 000433

 9766EC

 00021D

 B480FF

 000000

 D19BFF

 EFB6FF

 FFD3FF

 1F007D

■ 280C7D

■ 32197D

■ 3B267D

■ 45327D

■ 4E3F7D

■ 574B7D

■ 61577D

■ 6A647D

■ 74717D

Harmonies

Analogous

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



002B95



1F007D



68004E

Triad

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



1F007D



4C0C00



003432

Complementary

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



1F007D



5E7D00

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.



003300



1F007D



212700

Square

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



1F007D



6A0000



003000



003768

Rectangle

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



1F007D



76002B



003000



00341F

Sweetspot

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



1F007D



7E72A3



00607D



3C3452



D1D1D1



525252

Same Dimension

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



1F007D



2800A3



5C007D



3B3940



200080



000000

Inverse Universe

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



7D005E



A3007B



217D00



40393E



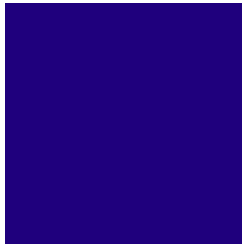
800060



000000

Previews

White Background



This preview shows how the Hex color 1F007D looks on a white background.

Color Contrast Check

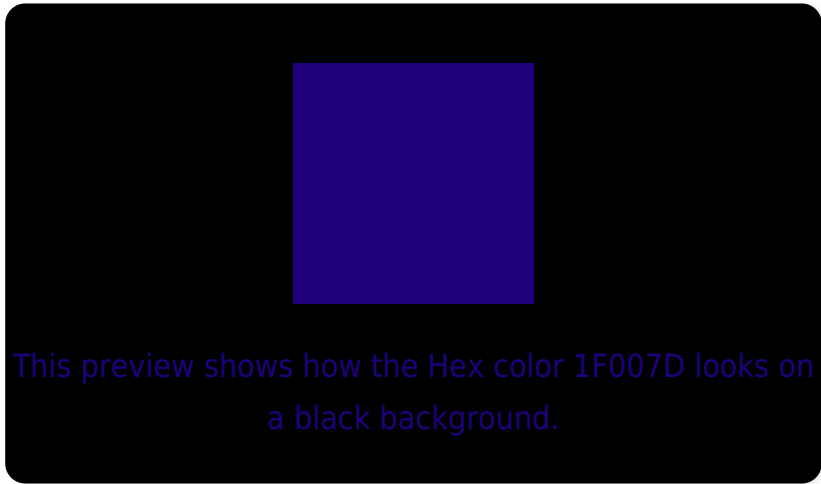
Large Text (above 18pt) WCAG AA ✓ Pass

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

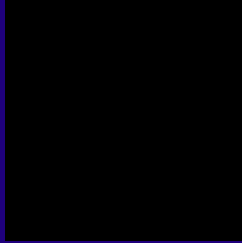
Any Text WCAG AA × Fail

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 1F007D Background



This preview shows how black text looks on a background with the Hex color 1F007D.



This preview shows how white text looks on a background with the Hex color 1F007D.

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
1F007D

Protanopia
002751

Deuteranopia
002945



Tritanopia
002D2F

Trichromacy



Original Color
1F007D

Protanomaly
0B1961

Deuteranomaly
0B1A59

Tritanomaly
0B1D4B

Monochromacy



Original Color
1F007D

Achromatopsia
181818

Achromatomaly
1B0F3D

CSS Examples

Text

The CSS property to change the color of the text to Hex 1F007D 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 #1F007D looks like.

```
.text, #text, p{  
    color:#1F007D  
}
```

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 #1F007D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1F007D
}
```

Border

The CSS property to change the border of an element to Hex 1F007D 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
#1F007D }
```

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

```
.border{ border-color:#1F007D }
```

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

Here you see how a box with a 4 pixel #1F007D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1F007D; -webkit-box-shadow:4px 4px  
4px 4px #1F007D; box-shadow:4px 4px 4px  
4px #1F007D }
```

Background

The CSS property to change the background color of an element to Hex 1F007D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1F007D }
```

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

```
.background{ background-color:#1F007D }
```

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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