

Converting Colors

Hex(1F0073)

Have a look what the booklet for
Hex(1F0073) contains.

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Color

Hex(1F0073)

Conversions

Conversions Part 1

Format	Color
Hex	1F0073
RGB	31, 0, 115
RGB Percent	12%, 0%, 45%
CMY	0.8784, 1.0000, 0.5490
CMYK	0.73, 1.00, 0.00, 0.55
HSL	256°, 100%, 23%
HSV	256°, 100%, 45%
XYZ	3.6596, 1.5291, 16.3219
YIQ	22.3790, -18.4390, 42.3370

Conversions

Conversions Part 2

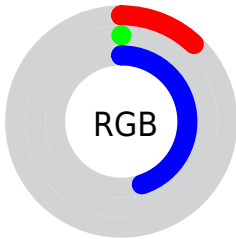
Format	Color
R_{YB}	31, 0, 115
Decimal	2031731
CIE Lab	12.79, 44.73, -56.60
CIE LCh	13, 72.145, 308.320
Yxy	1.5291, 0.1701, 0.0711
Android (android.graphics.Color)	4280221811 (0xFF1F0073)
YUV	22.3790, 45.6622, 7.5606
Hunter-Lab	12.3657, 31.1863, -69.6028

Details

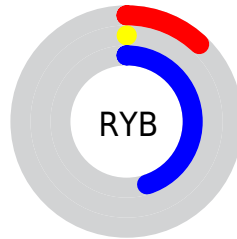
The Hex color **1F0073** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **547300**, and the grayscale version is **161616**.

A 20% lighter version of the original color is **5B33A8**, and **000041** is the 20% darker color. If you saturate the color by 10%, you get **1F0073**, and if you desaturate by 10%, it is **270B73**.

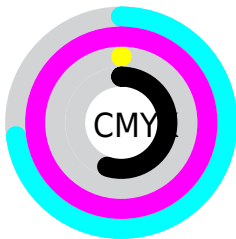
Distribution



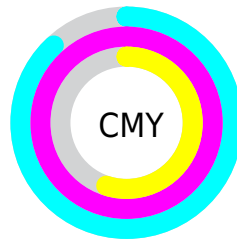
- Red (12%)
- Green (0%)
- Blue (45%)



- Red (12%)
- Yellow (0%)
- Blue (45%)



- Cyan (73%)
- Magenta (100%)
- Yellow (0%)
- Black (55%)



- Cyan (88%)
- Magenta (100%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1F0073 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 1F0073 by changing the saturation by 10% instead.


 1F0073

 1F0073

 FFEDFF

 00005A

 5B33A8

 000041

 774BC4

 00032A

 9365E0

 000114

 B07EFD

 000000

 CD99FF

 EAB4FF

 FFD0FF

 1F0073

■ 270B73

■ 301773

■ 382373

■ 412E73

■ 493A73

■ 514573

■ 5A5173

■ 625C73

■ 6B6873

Harmonies

Analogous

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



00288A



1F0073



610047

Triad

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



1F0073



460B00



00302F

Complementary

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



1F0073



547300

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.



002F00



1F0073



1E2400

Square

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



1F0073



620000



002D00



003360

Rectangle

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



1F0073



6D0027



002D00



00301D

Sweetspot

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



1F0073



756996



005473



38314D



CCCCCC



4D4D4D

Same Dimension

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



1F0073



290096



580073



36353B



21007A



4300FA

Inverse Universe

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



730054



96006E



1B7300



3B3539



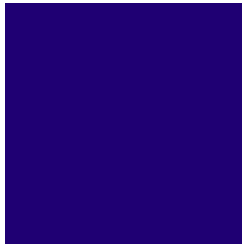
7A0059



FA00B7

Previews

White Background



This preview shows how the Hex color 1F0073 looks on a white background.

Color Contrast Check

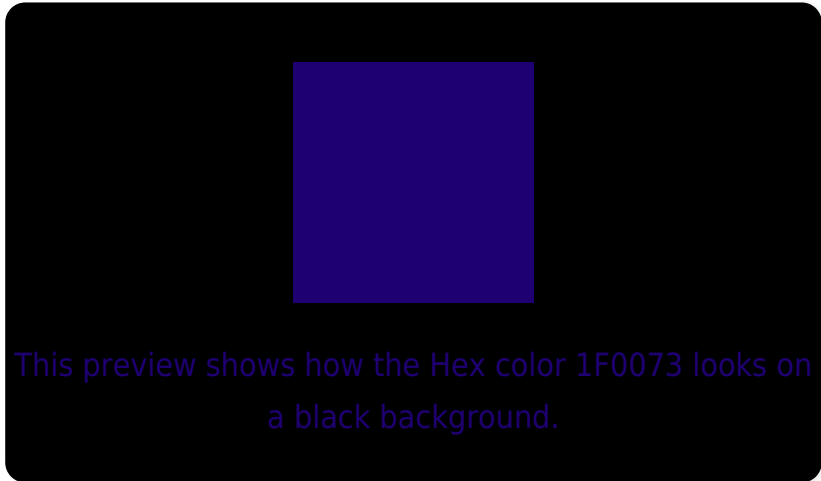
Large Text (above 18pt) WCAG AA ✓ Pass

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

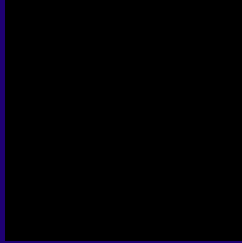
Any Text WCAG AA × Fail

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 1F0073 Background



This preview shows how black text looks on a background with the Hex color 1F0073.



This preview shows how white text looks on a background with the Hex color 1F0073.

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
1F0073

Protanopia
00244C

Deuteranopia
002740

Trichromacy



Original Color
1F0073

Protanomaly
0B175A

Deuteranomaly
0B1953

Tritanomaly
0B1B46

Monochromacy



Original Color
1F0073

Achromatopsia
161616

Achromatomaly
190E38

CSS Examples

Text

The CSS property to change the color of the text to Hex 1F0073 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 #1F0073 looks like.

```
.text, #text, p{  
    color:#1F0073  
}
```

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 #1F0073 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1F0073
}
```

Border

The CSS property to change the border of an element to Hex 1F0073 is called "border". The border property can be set on classes, ids or directly on the HTML element.

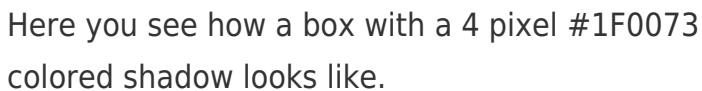
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1F0073 }
```

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

```
.border{ border-color:#1F0073 }
```

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



Here you see how a box with a 4 pixel #1F0073 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1F0073; -webkit-box-shadow:4px 4px  
4px 4px #1F0073; box-shadow:4px 4px 4px  
4px #1F0073 }
```

Background

The CSS property to change the background color of an element to Hex 1F0073 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1F0073 }
```

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

```
.background{ background-color:#1F0073 }
```

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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