

Converting Colors

Hex(1F0D70)

Have a look what the booklet for
Hex(1F0D70) contains.

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Color

Hex(1F0D70)

Conversions

Conversions Part 1

Format	Color
Hex	1F0D70
RGB	31, 13, 112
RGB Percent	12%, 5%, 44%
CMY	0.8784, 0.9490, 0.5608
CMYK	0.72, 0.88, 0.00, 0.56
HSL	251°, 79%, 25%
HSV	251°, 88%, 44%
XYZ	3.6336, 1.7490, 15.4753
YIQ	29.6680, -21.0510, 34.6050

Conversions

Conversions Part 2

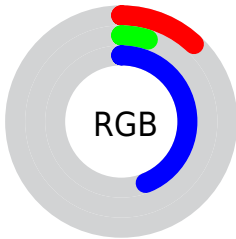
Format	Color
RYB	31, 13, 112
Decimal	2035056
CIELab	14.11, 38.65, -52.46
CIELCh	14, 65.158, 306.381
Yxy	1.7490, 0.1742, 0.0839
Android (android.graphics.Color)	4280225136 (0xFF1F0D70)
YUV	29.6680, 40.5897, 1.1682
Hunter-Lab	13.2250, 25.8999, -60.1210




Details

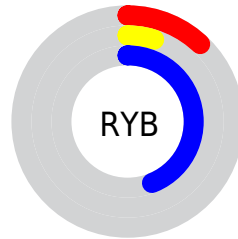
The Hex color **1F0D70** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **5E700D**, and the grayscale version is **1D1D1D**.




A 20% lighter version of the original color is **5A3CA5**, and **00003F** is the 20% darker color. If you saturate the color by 10%, you get **160270**, and if you desaturate by 10%, it is **281870**.

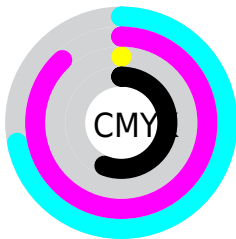
Distribution







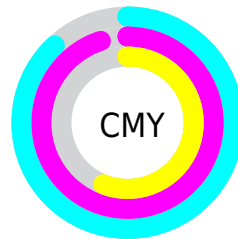
-  Red (12%)
-  Green (5%)
-  Blue (44%)






-  Red (12%)
-  Yellow (5%)
-  Blue (44%)



-  Cyan (72%)
-  Magenta (88%)
-  Yellow (0%)
-  Black (56%)



-  Cyan (88%)
-  Magenta (95%)
-  Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1F0D70 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 1F0D70 by changing the saturation by 10% instead.

 1F0D70

 1F0D70

 FFF5FF

 000057

 5A3CA5

 00003F

 7554C0

 000328

 916DDD

 000111

 AD86FA

 000000

 CAA1FF

 E7BCFF

 FFD8FF

 1F0D70

 1F0D70

■ 160270

■ 281870

■ 140070

■ 312370

■ 3A2F70

■ 443A70

■ 4D4570

■ 565070

■ 5F5B70

■ 686770

■ 717270

Harmonies

Analogous

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



002A83



1F0D70



5D004A

Triad

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



1F0D70



490F00



00342D

Complementary

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



1F0D70



5E700D

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



1F0D70



252600

Square

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



1F0D70



620000



002E00



00355A

Rectangle

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



1F0D70



6A002C



002E00



00331D

Sweetspot

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



1F0D70



716A91



0D5F70



37324A



C9C9C9



4A4A4A

Same Dimension

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



1F0D70



1A0091



4F0D70



343238



160078



2D00F7

Inverse Universe

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



700D5E



910077



2E700D



383237



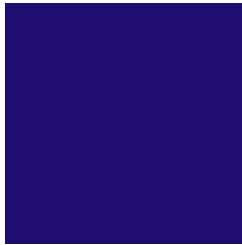
780062



F700CA

Previews

White Background



This preview shows how the Hex color 1F0D70 looks on a white background.

Color Contrast Check

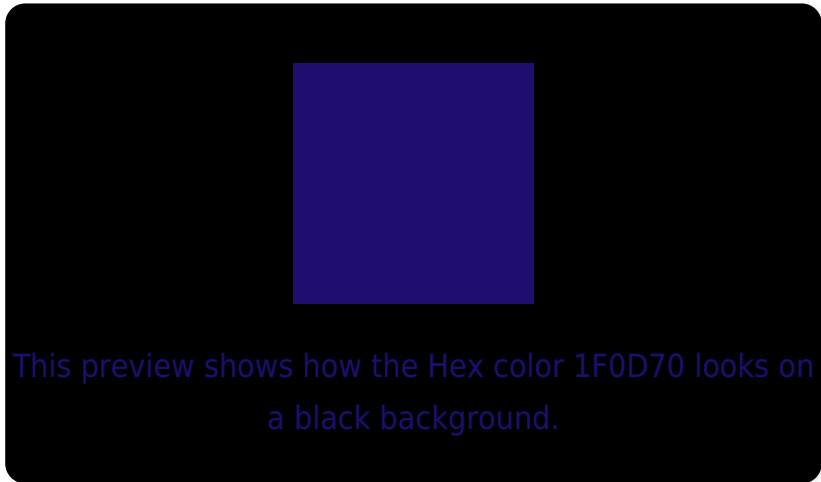
Large Text (above 18pt) WCAG AA ✓ Pass

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

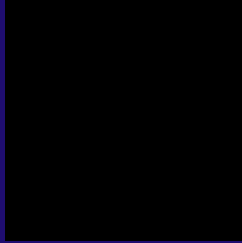
Any Text WCAG AA × Fail

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 1F0D70 Background



This preview shows how black text looks on a background with the Hex color 1F0D70.



This preview shows how white text looks on a background with the Hex color 1F0D70.

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
1F0D70

Protanopia
00244D

Deuteranopia
002741

Trichromacy



Original Color
1F0D70

Protanomaly
0B1C5A

Deuteranomaly
0B1E52

Tritanomaly
0B1F45

Monochromacy



Original Color
1F0D70

Achromatopsia
1E1E1E

Achromatomaly
1E183C

CSS Examples

Text

The CSS property to change the color of the text to Hex 1F0D70 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 #1F0D70 looks like.

```
.text, #text, p{  
    color:#1F0D70  
}
```

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 #1F0D70 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1F0D70
}
```

Border

The CSS property to change the border of an element to Hex 1F0D70 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
#1F0D70 }
```

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

```
.border{ border-color:#1F0D70 }
```

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

Here you see how a box with a 4 pixel #1F0D70 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1F0D70; -webkit-box-shadow:4px 4px  
4px 4px #1F0D70; box-shadow:4px 4px 4px  
4px #1F0D70 }
```

Background

The CSS property to change the background color of an element to Hex 1F0D70 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1F0D70 }
```

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

```
.background{ background-color:#1F0D70 }
```

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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