

# Converting Colors

Hex(1F0C50)

Have a look what the booklet for  
Hex(1F0C50) contains.

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# Color

**Hex(1F0C50)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1F0C50
RGB	31, 12, 80
RGB Percent	12%, 5%, 31%
CMY	0.8784, 0.9529, 0.6863
CMYK	0.61, 0.85, 0.00, 0.69
HSL	257°, 74%, 18%
HSV	257°, 85%, 31%
XYZ	2.1445, 1.1334, 7.6952
YIQ	25.4330, -10.5040, 25.1760

# Conversions

## Conversions Part 2

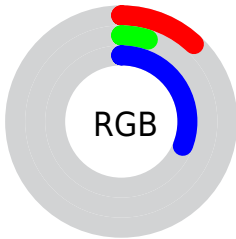
<b>Format</b>	<b>Color</b>
<b>RYB</b>	31, 12, 80
Decimal	2034768
CIELab	10.06, 28.97, -37.76
CIELCh	10, 47.597, 307.495
Yxy	1.1334, 0.1954, 0.1033
Android (android.graphics.Color)	4280224848 (0xFF1F0C50)
YUV	25.4330, 26.9015, 4.8823
Hunter-Lab	10.6463, 17.3247, -35.4025




# Details

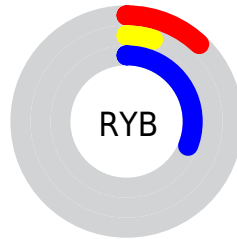
The Hex color **1F0C50** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **3D500C**, and the grayscale version is **191919**.




A 20% lighter version of the original color is **523882**, and **000222** is the 20% darker color. If you saturate the color by 10%, you get **190450**, and if you desaturate by 10%, it is **251450**.

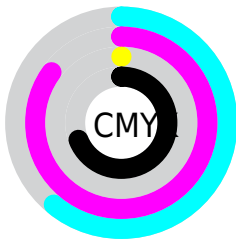
# Distribution







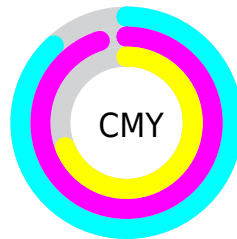
-  Red (12%)
-  Green (5%)
-  Blue (31%)






-  Red (12%)
-  Yellow (5%)
-  Blue (31%)



-  Cyan (61%)
-  Magenta (85%)
-  Yellow (0%)
-  Black (69%)



-  Cyan (88%)
-  Magenta (95%)
-  Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1F0C50 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 1F0C50 by changing the saturation by 10% instead.



 1F0C50

 1F0C50

 FFEFFF

 0D0039

 523882

 000222

 6C509C

 000008

 8668B8

 000000

 A281D3

 BD9CF0

 DAB7FF

 F7D3FF

 1F0C50

 1F0C50

■ 190450

■ 251450

■ 160050

■ 2B1C50

■ 302450

■ 362C50

■ 3C3450

■ 423C50

■ 474450

■ 4D4C50

■ 535450

# Harmonies

## Analogous

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



001F5E



1F0C50



450035

# Triad

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



1F0C50



360F00



002923

# Complementary

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



1F0C50



3D500C

# 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.



002800



1F0C50



1D1D00

# Square

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



1F0C50



490000



002400



002943

# Rectangle

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



1F0C50



4E0020



002400



002918



# Sweetspot

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



1F0C50



554D69



0C3E50



2A2536



B5B5B5



363636



# Same Dimension

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



1F0C50



1D0069



400C50



262529



4100E8

# Inverse Universe

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



500C3D



69004B



1C500C



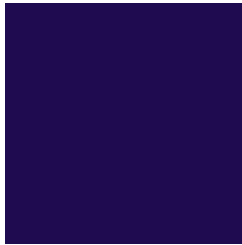
292528



E800A7

# Previews

## White Background



This preview shows how the Hex color 1F0C50 looks on a white background.

## Color Contrast Check

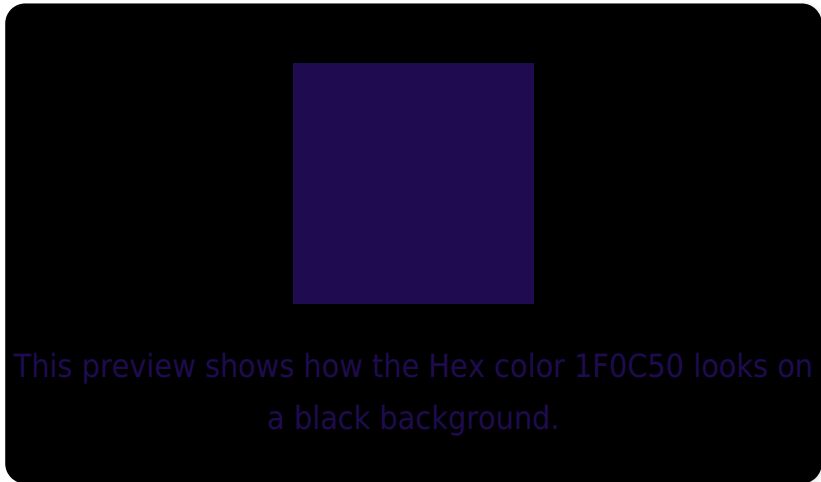
Large Text (above 18pt) WCAG AA ✓ Pass

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

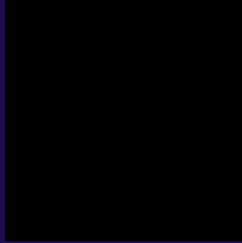
Any Text WCAG AA × Fail

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 1F0C50 Background



This preview shows how black text looks on a background with the Hex color 1F0C50.



This preview shows how white text looks on a background with the Hex color 1F0C50.

# 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**  
1F0C50

**Protanopia**  
001C3C

**Deuteranopia**  
001E33





**Tritanopia**  
052123

# Trichromacy



**Original Color**  
1F0C50

**Protanomaly**  
0B1643

**Deuteranomaly**  
0B173E

**Tritanomaly**  
0E1933

# Monochromacy



**Original Color**  
1F0C50

**Achromatopsia**  
191919

**Achromatomaly**  
1B142D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1F0C50 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 #1F0C50 looks like.

```
.text, #text, p{  
    color:#1F0C50  
}
```

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 #1F0C50 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1F0C50
}
```

## Border

The CSS property to change the border of an element to Hex 1F0C50 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
#1F0C50 }
```

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

```
.border{ border-color:#1F0C50 }
```

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

Here you see how a box with a 4 pixel #1F0C50 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1F0C50; -webkit-box-shadow:4px 4px  
4px 4px #1F0C50; box-shadow:4px 4px 4px  
4px #1F0C50 }
```

# Background

The CSS property to change the background color of an element to Hex 1F0C50 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1F0C50 }
```

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

```
.background{ background-color:#1F0C50 }
```

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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