

# Converting Colors

Hex(1F005D)

Have a look what the booklet for  
Hex(1F005D) contains.

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# Color

**Hex(1F005D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1F005D
RGB	31, 0, 93
RGB Percent	12%, 0%, 36%
CMY	0.8784, 1.0000, 0.6353
CMYK	0.67, 1.00, 0.00, 0.64
HSL	260°, 100%, 18%
HSV	260°, 100%, 36%
XYZ	2.5409, 1.0816, 10.4308
YIQ	19.8710, -11.3770, 35.4950

# Conversions

## Conversions Part 2

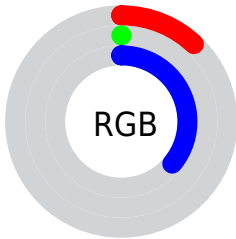
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	31, 0, 93
Decimal	2031709
CIE Lab	9.65, 38.93, -47.28
CIE LCh	10, 61.245, 309.464
Yxy	1.0816, 0.1808, 0.0770
Android (android.graphics.Color)	4280221789 (0xFF1F005D)
YUV	19.8710, 36.0526, 9.7601
Hunter-Lab	10.4001, 25.4093, -52.1849

# Details

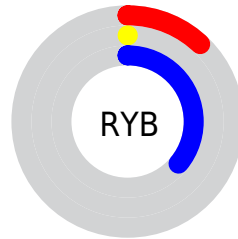
The Hex color **1F005D** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **3E5D00**, and the grayscale version is **141414**.

A 20% lighter version of the original color is **563090**, and **00032D** is the 20% darker color. If you saturate the color by 10%, you get **1F005D**, and if you desaturate by 10%, it is **25095D**.

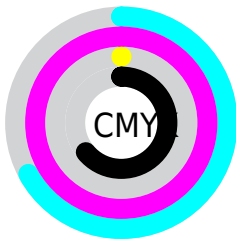
# Distribution



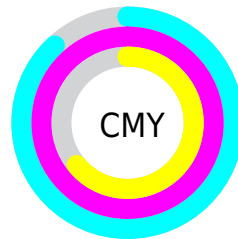
- Red (12%)
- Green (0%)
- Blue (36%)



- Red (12%)
- Yellow (0%)
- Blue (36%)



- Cyan (67%)
- Magenta (100%)
- Yellow (0%)
- Black (64%)



- Cyan (88%)
- Magenta (100%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1F005D 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 1F005D by changing the saturation by 10% instead.



 1F005D

 1F005D

 FFE7FF

 060045

 563090

 00032D

 7148AB

 000118

 8C60C7

 000000

 A87AE3

 C494FF

 E1AFFF

 FECBFF

 1F005D

■ 25095D

■ 2B135D

■ 321C5D

■ 38255D

■ 3E2F5D

■ 44385D

■ 4A415D

■ 514A5D

■ 57545D

# Harmonies

## Analogous

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



001F70



1F005D



500039

# Triad

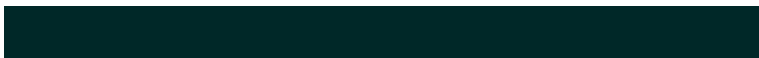
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



1F005D



380B00



002828

# Complementary

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



1F005D



3E5D00

# 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.



002700



1F005D



171E00

# Square

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



1F005D



500000



002600



002A50

# Rectangle

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



1F005D



5A001E



002600



002819



# Sweetspot

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



1F005D



605478



003E5D



2F273D



BDBDBD



3D3D3D



# Same Dimension

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



1F005D



280078



4E005D



2B292E



25006E



4F00ED



# Inverse Universe

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



5D003E



780050



0F5D00



2E292C



6E0049

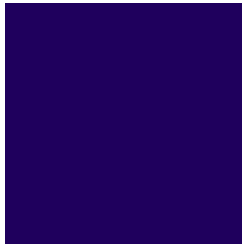


ED009E



# Previews

## White Background



This preview shows how the Hex color 1F005D looks on a white background.

## Color Contrast Check

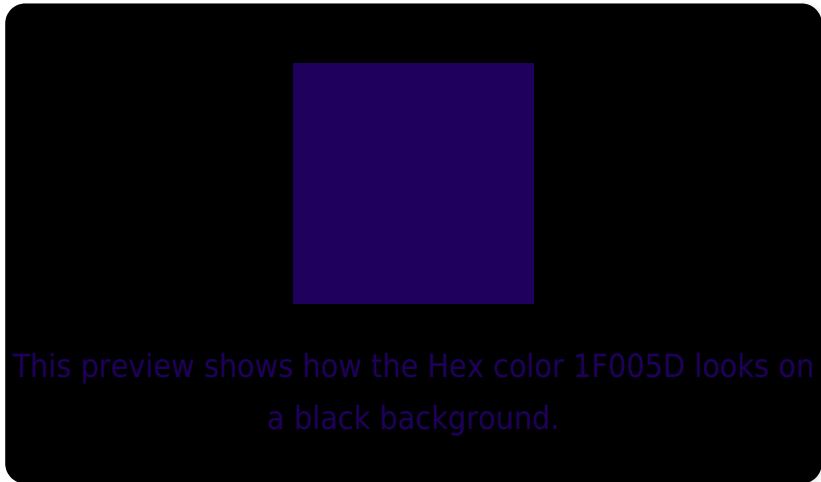
Large Text (above 18pt) WCAG AA ✓ Pass

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

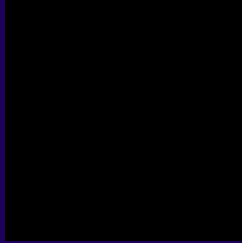
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 1F005D Background



This preview shows how black text looks on a background with the Hex color 1F005D.



This preview shows how white text looks on a background with the Hex color 1F005D.

# 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**  
1F005D

**Protanopia**  
001E40

**Deuteranopia**  
002036

# Trichromacy



**Original Color**  
1F005D

**Protanomaly**  
0B134B

**Deuteranomaly**  
0B1444

# Monochromacy



**Original Color**  
1F005D

**Achromatopsia**  
141414

**Achromatomaly**  
180D2F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1F005D 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 #1F005D looks like.

```
.text, #text, p{  
    color:#1F005D  
}
```

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 #1F005D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1F005D
}
```

## Border

The CSS property to change the border of an element to Hex 1F005D is called "border". The border property can be set on classes, ids or directly on the HTML element.

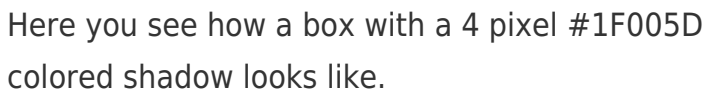
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1F005D }
```

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

```
.border{ border-color:#1F005D }
```

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



Here you see how a box with a 4 pixel #1F005D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1F005D; -webkit-box-shadow:4px 4px  
4px 4px #1F005D; box-shadow:4px 4px 4px  
4px #1F005D }
```

# Background

The CSS property to change the background color of an element to Hex 1F005D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1F005D }
```

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

```
.background{ background-color:#1F005D }
```

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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