

Converting Colors

Hex(1F0033)

Have a look what the booklet for
Hex(1F0033) contains.

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Color

Hex(1F0033)

Conversions

Conversions Part 1

Format	Color
Hex	1F0033
RGB	31, 0, 51
RGB Percent	12%, 0%, 20%
CMY	0.8784, 1.0000, 0.8000
CMYK	0.39, 1.00, 0.00, 0.80
HSL	276°, 100%, 10%
HSV	276°, 100%, 20%
XYZ	1.1626, 0.5303, 3.1731
YIQ	15.0830, 2.1050, 22.4330

Conversions

Conversions Part 2

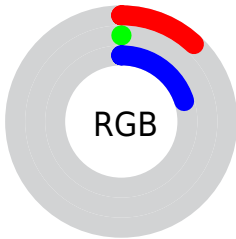
Format	Color
R_YB	31, 0, 51
Decimal	2031667
CIE Lab	4.79, 25.59, -25.70
CIE LCh	5, 36.269, 314.877
Yxy	0.5303, 0.2389, 0.1090
Android (android.graphics.Color)	4280221747 (0xFF1F0033)
YUV	15.0830, 17.7071, 13.9592
Hunter-Lab	7.2823, 15.7532, -20.7362

Details

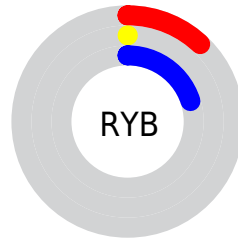
The Hex color **1F0033** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **143300**, and the grayscale version is **0F0F0F**.

A 20% lighter version of the original color is **4D2D62**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **1F0033**, and if you desaturate by 10%, it is **210533**.

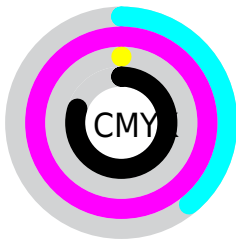
Distribution



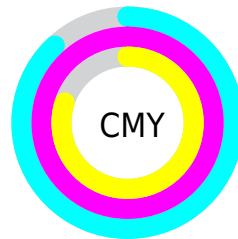
- Red (12%)
- Green (0%)
- Blue (20%)



- Red (12%)
- Yellow (0%)
- Blue (20%)



- Cyan (39%)
- Magenta (100%)
- Yellow (0%)
- Black (80%)



- Cyan (88%)
- Magenta (100%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1F0033 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 1F0033 by changing the saturation by 10% instead.


 1F0033

 1F0033

 FFE1FF

 00001D

 4D2D62

 000000

 66447B

 805C95

 9A75B0

 B58FCB

 D1AAE8

 EEC5FF

 1F0033

■ 210533

■ 230A33

■ 250F33

■ 271433

■ 291A33

■ 2B1F33

■ 2D2433

■ 2F2933

■ 312E33

Harmonies

Analogous

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



000F40



1F0033



33001E

Triad

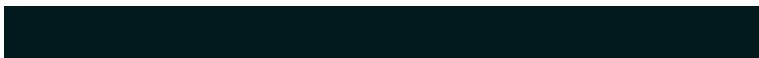
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



1F0033



220900



001A1D

Complementary

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



1F0033



143300

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.



001900



1F0033



031500

Square

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



1F0033



300000



001900



001B32

Rectangle

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



1F0033



38000C



001900



001A15

Sweetspot

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



1F0033



3A2E42



001433



1C1521



A1A1A1



212121

Same Dimension

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



1F0033



280042



33002E



18171A



360059



8400D9

Inverse Universe

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



330014



42001A



003305



1A1718



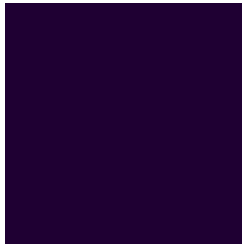
590023



D90055

Previews

White Background



This preview shows how the Hex color 1F0033 looks on a white background.

Color Contrast Check

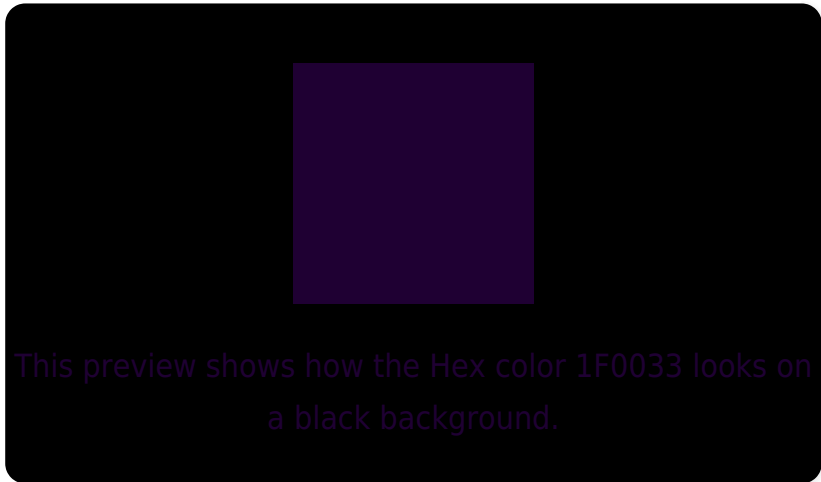
Large Text (above 18pt) WCAG AA ✓ Pass

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

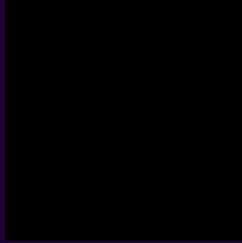
Any Text WCAG AA × Fail

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 1F0033 Background



This preview shows how black text looks on a background with the Hex color 1F0033.



This preview shows how white text looks on a background with the Hex color 1F0033.

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
1F0033

Protanopia
00152B

Deuteranopia
001625



Tritanopia
191415

Trichromacy



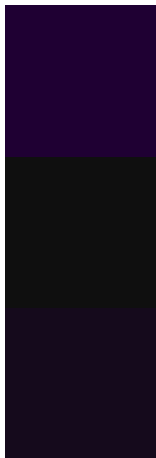
Original Color
1F0033

Protanomaly
0B0D2E

Deuteranomaly
0B0E2A

Tritanomaly
1B0D20

Monochromacy



Original Color
1F0033

Achromatopsia
0F0F0F

Achromatomaly
150A1C

CSS Examples

Text

The CSS property to change the color of the text to Hex 1F0033 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 #1F0033 looks like.

```
.text, #text, p{  
    color:#1F0033  
}
```

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 #1F0033 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1F0033
}
```

Border

The CSS property to change the border of an element to Hex 1F0033 is called "border". The border property can be set on classes, ids or directly on the HTML element.

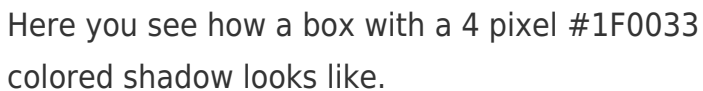
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1F0033 }
```

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

```
.border{ border-color:#1F0033 }
```

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



Here you see how a box with a 4 pixel #1F0033 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1F0033; -webkit-box-shadow:4px 4px  
4px 4px #1F0033; box-shadow:4px 4px 4px  
4px #1F0033 }
```

Background

The CSS property to change the background color of an element to Hex 1F0033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1F0033 }
```

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

```
.background{ background-color:#1F0033 }
```

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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