

Converting Colors

Hex(180F3F)

Have a look what the booklet for
Hex(180F3F) contains.

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Color

Hex(180F3F)

Conversions

Conversions Part 1

Format	Color
Hex	180F3F
RGB	24, 15, 63
RGB Percent	9%, 6%, 25%
CMY	0.9059, 0.9412, 0.7529
CMYK	0.62, 0.76, 0.00, 0.75
HSL	251°, 62%, 15%
HSV	251°, 76%, 25%
XYZ	1.4447, 0.8947, 4.7992
YIQ	23.1630, -10.0440, 16.8360

Conversions

Conversions Part 2

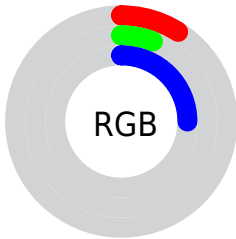
Format	Color
R_{YB}	24, 15, 63
Decimal	1576767
CIE Lab	8.08, 20.06, -29.13
CIE LCh	8, 35.365, 304.549
Yxy	0.8947, 0.2024, 0.1253
Android (android.graphics.Color)	4279766847 (0xFF180F3F)
YUV	23.1630, 19.6396, 0.7340
Hunter-Lab	9.4590, 10.7101, -23.4606

Details

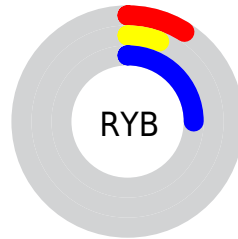
The Hex color **180F3F** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **363F0F**, and the grayscale version is **171717**.

A 20% lighter version of the original color is **48396F**, and **000113** is the 20% darker color. If you saturate the color by 10%, you get **13093F**, and if you desaturate by 10%, it is **1D153F**.

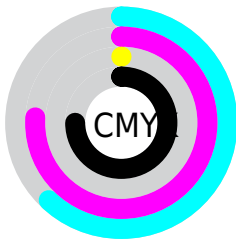
Distribution



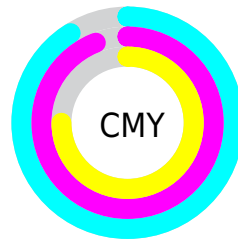
- Red (9%)
- Green (6%)
- Blue (25%)



- Red (9%)
- Yellow (6%)
- Blue (25%)



- Cyan (62%)
- Magenta (76%)
- Yellow (0%)
- Black (75%)



- Cyan (91%)
- Magenta (94%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 180F3F 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 180F3F by changing the saturation by 10% instead.

■ 180F3F

■ 180F3F

■ FFEFFF

■ 000029

■ 48396F

■ 000113

■ 615089

■ 000000

■ 7B69A3

■ 9582BF

■ B09CDB

■ CCB7F7

■ E8D2FF

■ 180F3F

■ 180F3F

■ 13093F

■ 1D153F

■ 0E023F

■ 221C3F

■ 0C003F

■ 27223F

■ 2C283F

■ 322F3F

■ 37353F

■ 3C3B3F

■ 41413F

■ 46483F

Harmonies

Analogous

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



001A47



180F3F



35002C

Triad

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



180F3F



2E0E00



00241B

Complementary

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



180F3F



363F0F

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.



002200



180F3F



1C1800

Square

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



180F3F



3B0000



001E00



002332

Rectangle

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



180F3F



3D001D



001E00



002312

Sweetspot

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



180F3F



423F52



0F363F



201D29



A8A8A8



292929

Same Dimension

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



180F3F



150752



300F3F



1C1C1F



12005E



2A00DE

Inverse Universe

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



3F0F36



520744



1E3F0F



1F1C1E



5E004D



DE00B4

Previews

White Background



This preview shows how the Hex color 180F3F looks on a white background.

Color Contrast Check

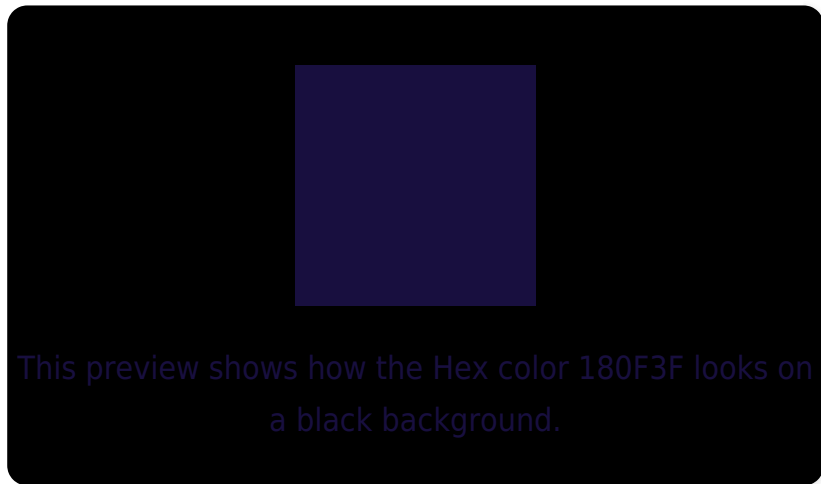
Large Text (above 18pt) WCAG AA ✓ Pass

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

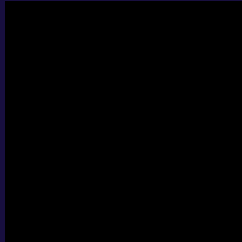
Any Text WCAG AA × Fail

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 180F3F Background



This preview shows how black text looks on a background with the Hex color 180F3F.



This preview shows how white text looks on a background with the Hex color 180F3F.

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
180F3F

Protanopia
001832

Deuteranopia
001A2B



Tritanopia
041B1E

Trichromacy



Original Color
180F3F

Protanomaly
091537

Deuteranomaly
091632

Tritanomaly
0B172A

Monochromacy



Original Color
180F3F

Achromatopsia
171717

Achromatomaly
171426

CSS Examples

Text

The CSS property to change the color of the text to Hex 180F3F 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 #180F3F looks like.

```
.text, #text, p{  
    color:#180F3F  
}
```

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 #180F3F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #180F3F
}
```

Border

The CSS property to change the border of an element to Hex 180F3F is called "border". The border property can be set on classes, ids or directly on the HTML element.

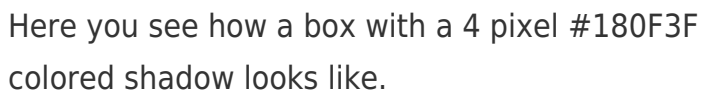
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#180F3F }
```

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

```
.border{ border-color:#180F3F }
```

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



Here you see how a box with a 4 pixel #180F3F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #180F3F; -webkit-box-shadow:4px 4px  
4px 4px #180F3F; box-shadow:4px 4px 4px  
4px #180F3F }
```

Background

The CSS property to change the background color of an element to Hex 180F3F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#180F3F }
```

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

```
.background{ background-color:#180F3F }
```

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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