

Converting Colors

Hex(120F67)

Have a look what the booklet for
Hex(120F67) contains.

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Color

Hex(120F67)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 120F67 |
| RGB | 18, 15, 103 |
| RGB Percent | 7%, 6%, 40% |
| CMY | 0.9294, 0.9412, 0.5961 |
| CMYK | 0.83, 0.85, 0.00, 0.60 |
| HSL | 242°, 75%, 23% |
| HSV | 242°, 85%, 40% |
| XYZ | 2.8685, 1.4495, 12.9606 |
| YIQ | 25.9290, -26.4600, 28.0040 |

Conversions

Conversions Part 2

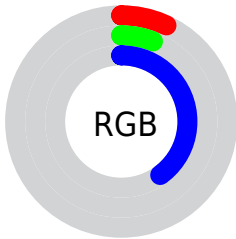
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 18, 15, 103 |
| Decimal | 1183591 |
| CIE _{Lab} | 12.28, 33.76, -49.62 |
| CIE _{LCh} | 12, 60.014, 304.231 |
| Yxy | 1.4495, 0.1660, 0.0839 |
| Android (android.graphics.Color) | 4279373671 (0xFF120F67) |
| YUV | 25.9290, 37.9960, -6.9537 |
| Hunter-Lab | 12.0396, 21.4587, -55.3977 |

Details

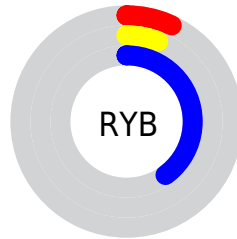
The Hex color **120F67** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **64670F**, and the grayscale version is **1A1A1A**.

A 20% lighter version of the original color is **4F3B9B**, and **000436** is the 20% darker color. If you saturate the color by 10%, you get **080567**, and if you desaturate by 10%, it is **1C1967**.

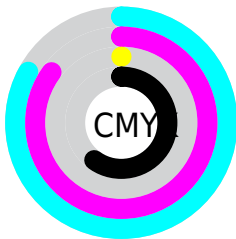
Distribution



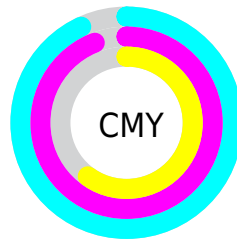
- Red (7%)
- Green (6%)
- Blue (40%)



- Red (7%)
- Yellow (6%)
- Blue (40%)



- Cyan (83%)
- Magenta (85%)
- Yellow (0%)
- Black (60%)



- Cyan (93%)
- Magenta (94%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 120F67 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 120F67 by changing the saturation by 10% instead.

■ 120F67

■ 120F67

■ FFF3FF

■ 00004E

■ 4F3B9B

■ 000436

■ 6B53B6

■ 000220

■ 866CD2

■ 000004

■ A285EF

■ 000000

■ BEA0FF

■ DBBBFF

■ F9D7FF

■ 120F67

■ 120F67

■ 080567

■ 1C1967

■ 040067

■ 262467

■ 302E67

■ 3A3867

■ 444367

■ 4E4D67

■ 585767

■ 626167

■ 6C6C67

Harmonies

Analogous

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



002676



120F67



520045

Triad

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



120F67



440B00



002F25

Complementary

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



120F67



64670F

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.



002E00



120F67



242100

Square

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



120F67



5A0000



002900



00304F

Rectangle

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



120F67



5F002A



002900



002E16

Sweetspot

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



120F67



656487



0F6467



303045



C4C4C4



454545

Same Dimension

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



120F67



050087



3E0F67



2E2E33



040073



0800F2

Inverse Universe

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



670F64



870083



38670F



332E33



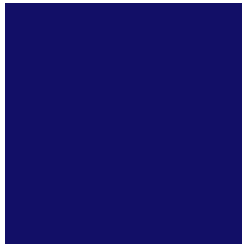
73006F



F200EA

Previews

White Background



This preview shows how the Hex color 120F67 looks on a white background.

Color Contrast Check

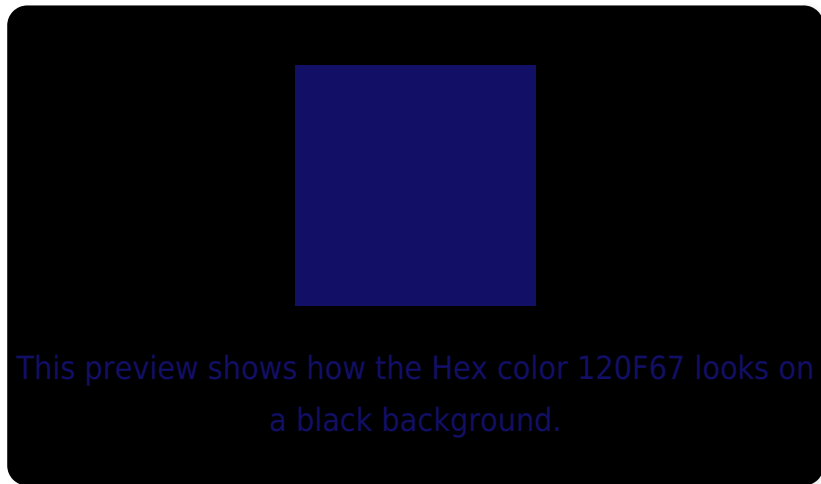
Large Text (above 18pt) WCAG AA ✓ Pass

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

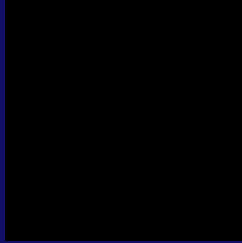
Any Text WCAG AA × Fail

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 120F67 Background



This preview shows how black text looks on a background with the Hex color 120F67.



This preview shows how white text looks on a background with the Hex color 120F67.

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
120F67

Protanopia
002145

Deuteranopia
00233A

Trichromacy



Original Color
120F67

Protanomaly
071A51

Deuteranomaly
071C4A

Tritanomaly
071E3F

Monochromacy



Original Color
120F67

Achromatopsia
1A1A1A

Achromatomaly
171636

CSS Examples

Text

The CSS property to change the color of the text to Hex 120F67 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 #120F67 looks like.

```
.text, #text, p{  
    color:#120F67  
}
```

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 #120F67 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #120F67
}
```

Border

The CSS property to change the border of an element to Hex 120F67 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".

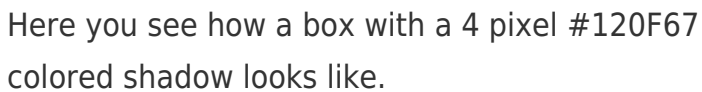
```
.border, #border, table{ border:4px solid
#120F67 }
```

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

```
.border{ border-color:#120F67 }
```

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

Here you see how a box with a 4 pixel #120F67 colored shadow looks like.

A rectangular box with a dark blue border and a dark blue shadow. The box is white with a thin dark blue border on the top and left sides, and a thicker dark blue shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #120F67; -webkit-box-shadow:4px 4px  
4px 4px #120F67; box-shadow:4px 4px 4px  
4px #120F67 }
```

Background

The CSS property to change the background color of an element to Hex 120F67 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#120F67 }
```

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

```
.background{ background-color:#120F67 }
```

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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