

Converting Colors

Hex(120F29)

Have a look what the booklet for
Hex(120F29) contains.

Hex(120F29)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(120F29)

Conversions

Conversions Part 1

Format	Color
Hex	120F29
RGB	18, 15, 41
RGB Percent	7%, 6%, 16%
CMY	0.9294, 0.9412, 0.8392
CMYK	0.56, 0.63, 0.00, 0.84
HSL	247°, 46%, 11%
HSV	247°, 63%, 16%
XYZ	0.8205, 0.6303, 2.1762
YIQ	18.8610, -6.5580, 8.7220

Conversions

Conversions Part 2

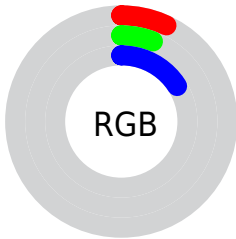
Format	Color
RYB	18, 15, 41
Decimal	1183529
CIELab	5.69, 9.07, -16.87
CIELCh	6, 19.156, 298.257
Yxy	0.6303, 0.2262, 0.1738
Android (android.graphics.Color)	4279373609 (0xFF120F29)
YUV	18.8610, 10.9145, -0.7551
Hunter-Lab	7.9394, 4.5535, -10.6942

Details

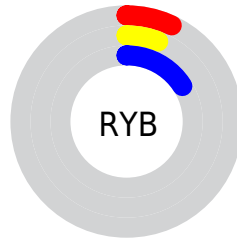
The Hex color **120F29** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **26290F**, and the grayscale version is **131313**.

A 20% lighter version of the original color is **3D3956**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **0E0B29**, and if you desaturate by 10%, it is **161329**.

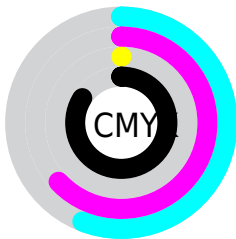
Distribution



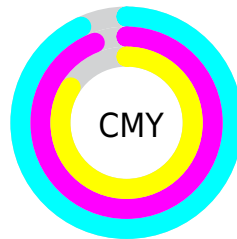
- Red (7%)
- Green (6%)
- Blue (16%)



- Red (7%)
- Yellow (6%)
- Blue (16%)



- Cyan (56%)
- Magenta (63%)
- Yellow (0%)
- Black (84%)



- Cyan (93%)
- Magenta (94%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 120F29 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 120F29 by changing the saturation by 10% instead.

■ 120F29

■ 120F29

■ F5EEFF

■ 000114

■ 3D3956

■ 000000

■ 55506F

■ 6D6888

■ 8782A3

■ A19CBE

■ BCB6DA

■ D8D2F6

■ 120F29

■ 120F29

■ 0E0B29

■ 161329

■ 0B0729

■ 191729

■ 070329

■ 1D1B29

■ 050029

■ 211F29

■ 242329

■ 282829

■ 2B2C29

■ 2F3029

■ 333429

Harmonies

Analogous

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



00142C



120F29



220920

Triad

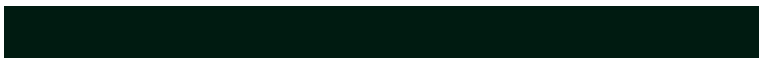
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



120F29



240C00



001B11

Complementary

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



120F29



26290F

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



120F29



1A1200

Square

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



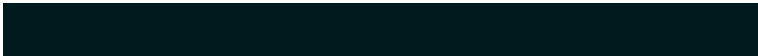
120F29



2A0600



081600



001A1E

Rectangle

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



120F29



270619



081600



001A0A

Sweetspot

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



120F29



2D2B36



0F2629



16161C



9C9C9C



1C1C1C

Same Dimension

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



120F29



120D36



1F0F29



131214



0A0054



1800D4

Inverse Universe

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



290F26



360D31



19290F



141214



54004A



D400BB

Previews

White Background



This preview shows how the Hex color 120F29 looks on a white background.

Color Contrast Check

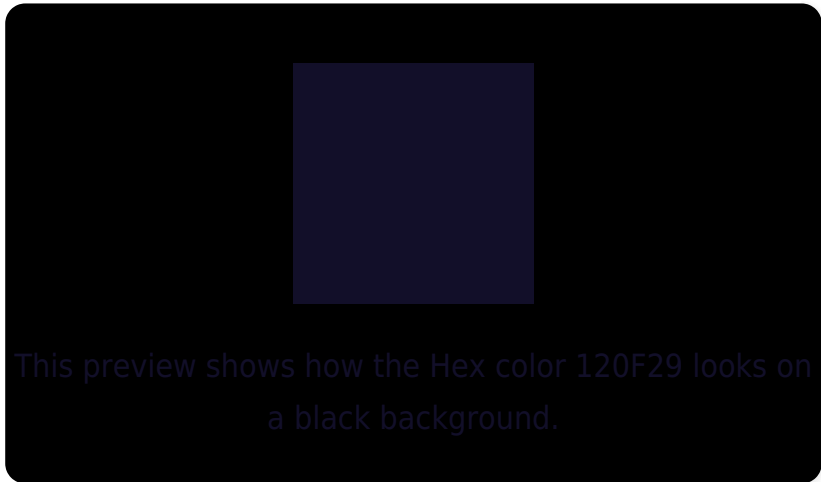
Large Text (above 18pt) WCAG AA ✓ Pass

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

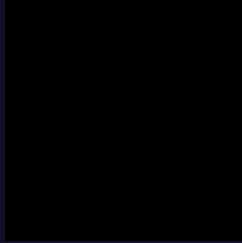
Any Text WCAG AA × Fail

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 120F29 Background



This preview shows how black text looks on a background with the Hex color 120F29.



This preview shows how white text looks on a background with the Hex color 120F29.

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
120F29

Protanopia
001227

Deuteranopia
001422



Tritanopia
0B1516

Trichromacy



Original Color

120F29

Protanomaly

071128

Deuteranomaly

071225

Tritanomaly

0E131D

Monochromacy



Original Color

120F29

Achromatopsia

131313

Achromatomaly

13121B

CSS Examples

Text

The CSS property to change the color of the text to Hex 120F29 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 #120F29 looks like.

```
.text, #text, p{  
    color:#120F29  
}
```

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 #120F29 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #120F29
}
```

Border

The CSS property to change the border of an element to Hex 120F29 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
#120F29 }
```

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

```
.border{ border-color:#120F29 }
```

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

Here you see how a box with a 4 pixel #120F29 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #120F29; -webkit-box-shadow:4px 4px  
4px 4px #120F29; box-shadow:4px 4px 4px  
4px #120F29 }
```

Background

The CSS property to change the background color of an element to Hex 120F29 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#120F29 }
```

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

```
.background{ background-color:#120F29 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor