

Converting Colors

Hex(120059)

Have a look what the booklet for
Hex(120059) contains.

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Color

Hex(120059)

Conversions

Conversions Part 1

Format	Color
Hex	120059
RGB	18, 0, 89
RGB Percent	7%, 0%, 35%
CMY	0.9294, 1.0000, 0.6510
CMYK	0.80, 1.00, 0.00, 0.65
HSL	252°, 100%, 17%
HSV	252°, 100%, 35%
XYZ	2.0526, 0.8499, 9.5070
YIQ	15.5280, -17.8410, 31.4950

Conversions

Conversions Part 2

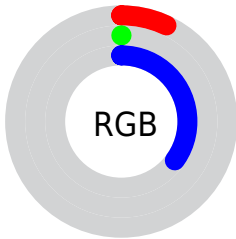
Format	Color
R_{YB}	18, 0, 89
Decimal	1179737
CIE Lab	7.68, 37.18, -47.91
CIE LCh	8, 60.643, 307.818
Yxy	0.8499, 0.1654, 0.0685
Android (android.graphics.Color)	4279369817 (0xFF120059)
YUV	15.5280, 36.2217, 2.1679
Hunter-Lab	9.2188, 23.6111, -54.6905

Details

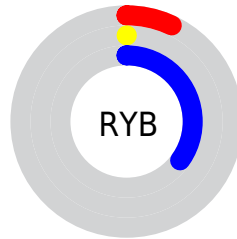
The Hex color **120059** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **475900**, and the grayscale version is **0F0F0F**.

A 20% lighter version of the original color is **4D2D8C**, and **00032A** is the 20% darker color. If you saturate the color by 10%, you get **120059**, and if you desaturate by 10%, it is **190959**.

Distribution



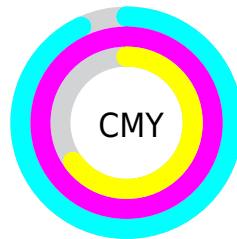
- Red (7%)
- Green (0%)
- Blue (35%)



- Red (7%)
- Yellow (0%)
- Blue (35%)



- Cyan (80%)
- Magenta (100%)
- Yellow (0%)
- Black (65%)



- Cyan (93%)
- Magenta (100%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 120059 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 120059 by changing the saturation by 10% instead.

 120059

 120059

 FFE3FF

 000041

 4D2D8C

 00032A

 6745A7

 000114

 835DC3

 000000

 9E76DF

 BA90FC

 D7ABFF

 F4C7FF

 120059

■ 190959

■ 201259

■ 271B59

■ 2E2459

■ 352D59

■ 3D3559

■ 443E59

■ 4B4759

■ 525059

Harmonies

Analogous

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



001C6B



120059



490036

Triad

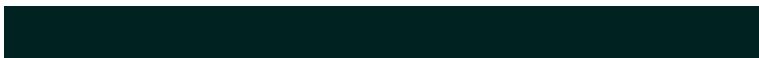
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



120059



350500



002321

Complementary

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



120059



475900

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



120059



131A00

Square

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



120059



4B0000



002200



002549

Rectangle

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



120059



53001C



002200



002213

Sweetspot

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



120059



575073



004759



2A263B



BABABA



3B3B3B

Same Dimension

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



120059



170073



3E0059



28272B



16006B



2F00EB

Inverse Universe

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



590047



73005C



1B5900



2B272A



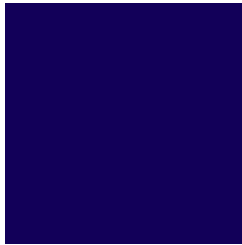
6B0055



EB00BB

Previews

White Background



This preview shows how the Hex color 120059 looks on a white background.

Color Contrast Check

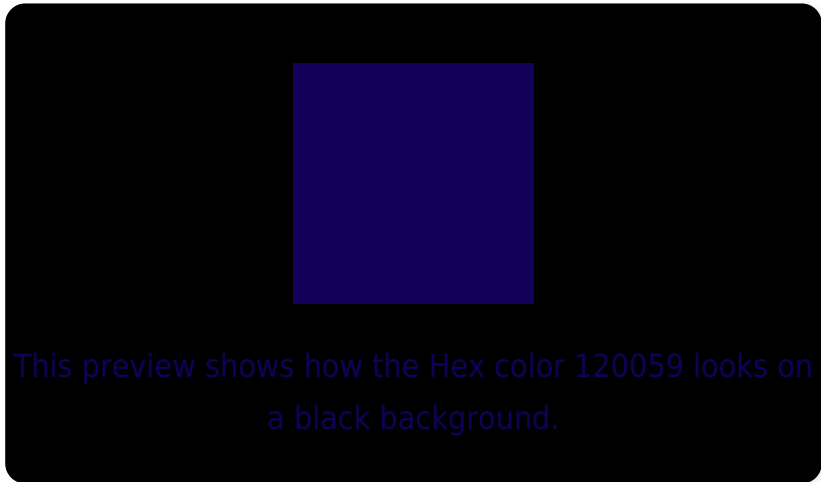
Large Text (above 18pt) WCAG AA ✓ Pass

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

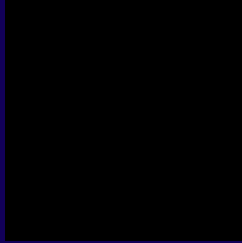
Any Text WCAG AA × Fail

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 120059 Background



This preview shows how black text looks on a background with the Hex color 120059.



This preview shows how white text looks on a background with the Hex color 120059.

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
120059

Protanopia
001B39

Deuteranopia
001D30



Tritanopia
001F21

Trichromacy



Original Color
120059

Protanomaly
071145

Deuteranomaly
07123F

Tritanomaly
071435

Monochromacy



Original Color
120059

Achromatopsia
101010

Achromatomaly
110A2B

CSS Examples

Text

The CSS property to change the color of the text to Hex 120059 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 #120059 looks like.

```
.text, #text, p{  
    color:#120059  
}
```

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 #120059 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #120059
}
```

Border

The CSS property to change the border of an element to Hex 120059 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
#120059 }
```

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

```
.border{ border-color:#120059 }
```

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

Here you see how a box with a 4 pixel #120059 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #120059; -webkit-box-shadow:4px 4px  
4px 4px #120059; box-shadow:4px 4px 4px  
4px #120059 }
```

Background

The CSS property to change the background color of an element to Hex 120059 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#120059 }
```

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

```
.background{ background-color:#120059 }
```

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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