

Converting Colors

Hex(120C61)

Have a look what the booklet for
Hex(120C61) contains.

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Color

Hex(120C61)

Conversions

Conversions Part 1

Format	Color
Hex	120C61
RGB	18, 12, 97
RGB Percent	7%, 5%, 38%
CMY	0.9294, 0.9529, 0.6196
CMYK	0.81, 0.88, 0.00, 0.62
HSL	244°, 78%, 21%
HSV	244°, 88%, 38%
XYZ	2.5386, 1.2546, 11.4176
YIQ	23.4840, -23.7090, 27.7070

Conversions

Conversions Part 2

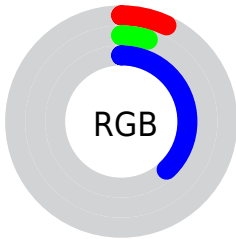
Format	Color
R _Y B	18, 12, 97
Decimal	1182817
CIE Lab	10.95, 33.28, -47.84
CIE LCh	11, 58.275, 304.822
Yxy	1.2546, 0.1669, 0.0825
Android (android.graphics.Color)	4279372897 (0xFF120C61)
YUV	23.4840, 36.2434, -4.8095
Hunter-Lab	11.2009, 20.8538, -52.5964

Details

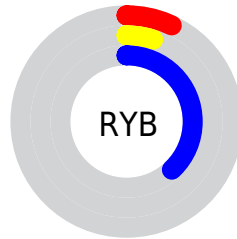
The Hex color **120C61** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **5B610C**, and the grayscale version is **171717**.

A 20% lighter version of the original color is **4E3895**, and **000431** is the 20% darker color. If you saturate the color by 10%, you get **090261**, and if you desaturate by 10%, it is **1B1661**.

Distribution



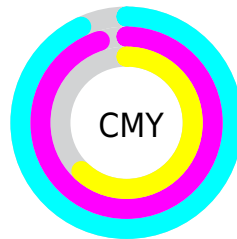
- Red (7%)
- Green (5%)
- Blue (38%)



- Red (7%)
- Yellow (5%)
- Blue (38%)



- Cyan (81%)
- Magenta (88%)
- Yellow (0%)
- Black (62%)



- Cyan (93%)
- Magenta (95%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 120C61 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 120C61 by changing the saturation by 10% instead.

 120C61

 120C61

 FFEFFF

 000049

 4E3895

 000431

 6950B0

 00011B

 8468CC

 000000

 A082E8

 BC9CFF

 D9B7FF

 F6D3FF

 120C61

 120C61

■ 090261

■ 1B1661

■ 070061

■ 241F61

■ 2D2961

■ 363361

■ 3F3D61

■ 484661

■ 515061

■ 5A5A61

■ 636361

Harmonies

Analogous

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



002370



120C61



4D0040

Triad

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



120C61



3F0A00



002B23

Complementary

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



120C61



5B610C

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.



002A00



120C61



201F00

Square

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



120C61



540000



002700



002D4B

Rectangle

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



120C61



5A0026



002700



002B15

Sweetspot

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



120C61



5F5C7D



0C5B61



2D2C40



BFBFBF



404040

Same Dimension

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



120C61



09007D



3C0C61



2C2C30



080070



1100F0

Inverse Universe

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



610C5B



7D0074



31610C



302C30



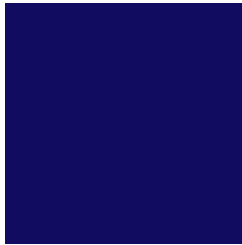
700068



F000DF

Previews

White Background



This preview shows how the Hex color 120C61 looks on a white background.

Color Contrast Check

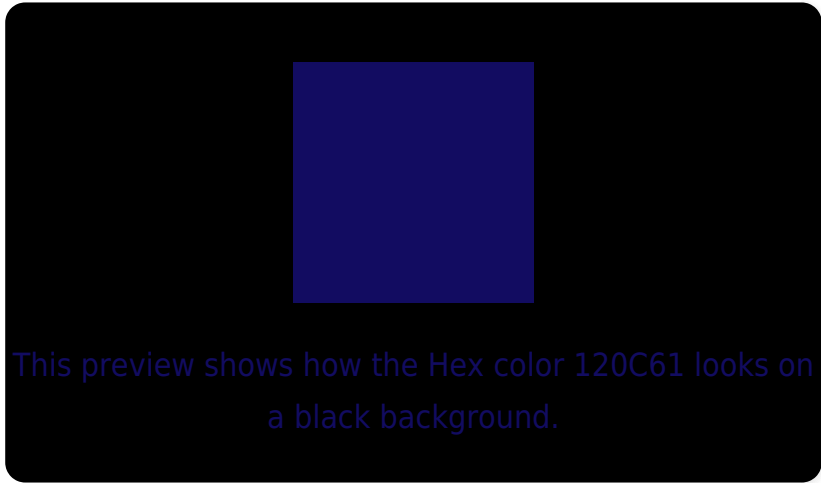
Large Text (above 18pt) WCAG AA ✓ Pass

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

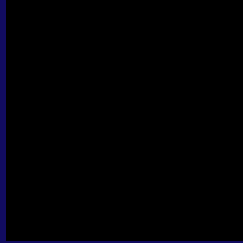
Any Text WCAG AA × Fail

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 120C61 Background



This preview shows how black text looks on a background with the Hex color 120C61.



This preview shows how white text looks on a background with the Hex color 120C61.

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
120C61

Protanopia
001E40

Deuteranopia
002136

Trichromacy



Original Color
120C61

Protanomaly
07174C

Deuteranomaly
071946

Tritanomaly
071B3B

Monochromacy



Original Color
120C61

Achromatopsia
171717

Achromatomaly
151332

CSS Examples

Text

The CSS property to change the color of the text to Hex 120C61 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 #120C61 looks like.

```
.text, #text, p{  
    color:#120C61  
}
```

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 #120C61 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #120C61
}
```

Border

The CSS property to change the border of an element to Hex 120C61 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
#120C61 }
```

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

```
.border{ border-color:#120C61 }
```

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

Here you see how a box with a 4 pixel #120C61 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #120C61; -webkit-box-shadow:4px 4px  
4px 4px #120C61; box-shadow:4px 4px 4px  
4px #120C61 }
```

Background

The CSS property to change the background color of an element to Hex 120C61 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#120C61 }
```

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

```
.background{ background-color:#120C61 }
```

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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