

Converting Colors

Hex(120C5A)

Have a look what the booklet for
Hex(120C5A) contains.

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Color

Hex(120C5A)

Conversions

Conversions Part 1

Format	Color
Hex	120C5A
RGB	18, 12, 90
RGB Percent	7%, 5%, 35%
CMY	0.9294, 0.9529, 0.6471
CMYK	0.80, 0.87, 0.00, 0.65
HSL	245°, 76%, 20%
HSV	245°, 87%, 35%
XYZ	2.2264, 1.1297, 9.7736
YIQ	22.6860, -21.4620, 25.5300

Conversions

Conversions Part 2

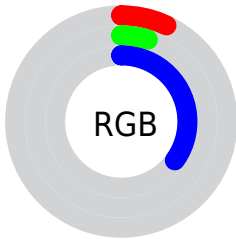
Format	Color
RYB	18, 12, 90
Decimal	1182810
CIELab	10.03, 30.87, -44.67
CIELCh	10, 54.301, 304.646
Yxy	1.1297, 0.1696, 0.0860
Android (android.graphics.Color)	4279372890 (0xFF120C5A)
YUV	22.6860, 33.1858, -4.1096
Hunter-Lab	10.6289, 18.7892, -47.0788

Details

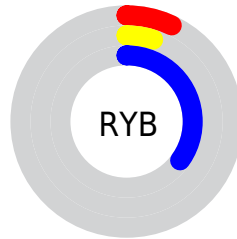
The Hex color **120C5A** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **545A0C**, and the grayscale version is **161616**.

A 20% lighter version of the original color is **4C388D**, and **00032B** is the 20% darker color. If you saturate the color by 10%, you get **0A035A**, and if you desaturate by 10%, it is **1A155A**.

Distribution



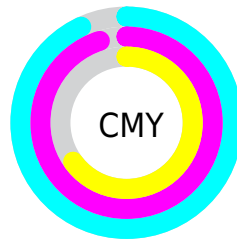
- Red (7%)
- Green (5%)
- Blue (35%)



- Red (7%)
- Yellow (5%)
- Blue (35%)



- Cyan (80%)
- Magenta (87%)
- Yellow (0%)
- Black (65%)



- Cyan (93%)
- Magenta (95%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 120C5A 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 120C5A by changing the saturation by 10% instead.

 120C5A

 120C5A

 FFEEFF


 000042

 4C388D

 00032B

 664FA8

 000115

 8168C3

 000000

 9D81E0

 B89BFD

 D5B6FF

 F2D2FF

 120C5A

 120C5A

■ 0A035A

■ 1A155A

■ 07005A

■ 231E5A

■ 2B275A

■ 33305A

■ 3C395A

■ 44425A

■ 4C4B5A

■ 54545A

■ 5D5D5A

Harmonies

Analogous

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



002168



120C5A



48003C

Triad

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



120C5A



3B0A00



002921

Complementary

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



120C5A



545A0C

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.



002800



120C5A



1F1D00

Square

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



120C5A



4F0000



002500



002A45

Rectangle

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



120C5A



530024



002500



002813

Sweetspot

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



120C5A



595775



0C555A



2A283B



BABABA



3B3B3B

Same Dimension

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



120C5A



090075



380C5A



2A292E



08006E



1200ED

Inverse Universe

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



5A0C54



75006C



2E5A0C



2E292E



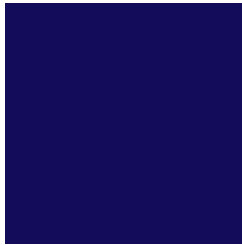
6E0065



ED00DB

Previews

White Background



This preview shows how the Hex color 120C5A looks on a white background.

Color Contrast Check

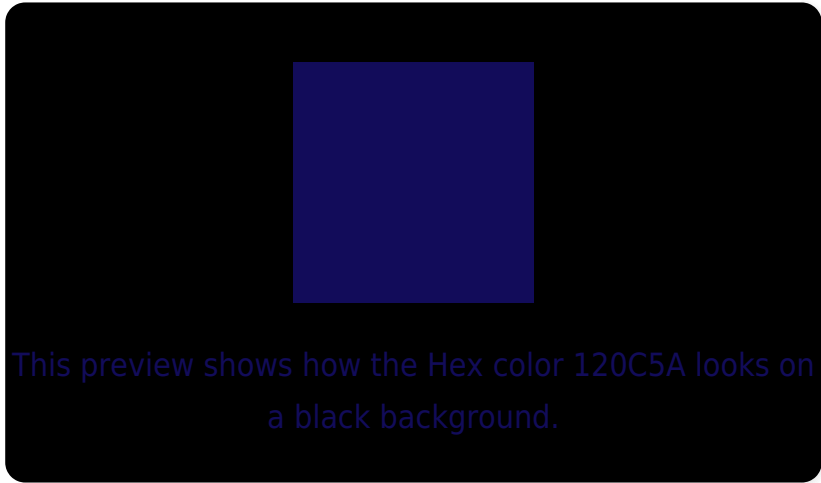
Large Text (above 18pt) WCAG AA ✓ Pass

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

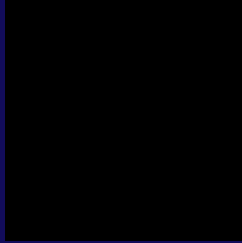
Any Text WCAG AA × Fail

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 120C5A Background



This preview shows how black text looks on a background with the Hex color 120C5A.



This preview shows how white text looks on a background with the Hex color 120C5A.

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
120C5A

Protanopia
001D3C

Deuteranopia
001F33

Trichromacy



Original Color
120C5A

Protanomaly
071747

Deuteranomaly
071841

Tritanomaly
071937

Monochromacy



Original Color
120C5A

Achromatopsia
171717

Achromatomaly
15132F

CSS Examples

Text

The CSS property to change the color of the text to Hex 120C5A 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 #120C5A looks like.

```
.text, #text, p{  
    color:#120C5A  
}
```

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 #120C5A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #120C5A
}
```

Border

The CSS property to change the border of an element to Hex 120C5A 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
#120C5A }
```

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

```
.border{ border-color:#120C5A }
```

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

Here you see how a box with a 4 pixel #120C5A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #120C5A; -webkit-box-shadow:4px 4px  
4px 4px #120C5A; box-shadow:4px 4px 4px  
4px #120C5A }
```

Background

The CSS property to change the background color of an element to Hex 120C5A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#120C5A }
```

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

```
.background{ background-color:#120C5A }
```

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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