

Converting Colors

Hex(120521)

Have a look what the booklet for
Hex(120521) contains.

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Color

Hex(120521)

Conversions

Conversions Part 1

Format	Color
Hex	120521
RGB	18, 5, 33
RGB Percent	7%, 2%, 13%
CMY	0.9294, 0.9804, 0.8706
CMYK	0.45, 0.85, 0.00, 0.87
HSL	268°, 74%, 7%
HSV	268°, 85%, 13%
XYZ	0.5782, 0.3469, 1.4753
YIQ	12.0790, -1.2400, 11.4640

Conversions

Conversions Part 2

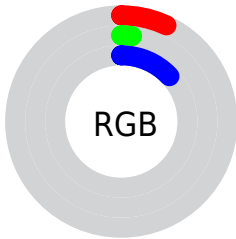
Format	Color
RYB	18, 5, 33
Decimal	1180961
CIELab	3.13, 10.18, -14.69
CIELCh	3, 17.873, 304.716
Yxy	0.3469, 0.2409, 0.1445
Android (android.graphics.Color)	4279371041 (0xFF120521)
YUV	12.0790, 10.3141, 5.1927
Hunter-Lab	5.8902, 7.2154, -10.7274

Details

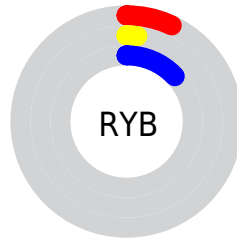
The Hex color **120521** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **142105**, and the grayscale version is **0C0C0C**.

A 20% lighter version of the original color is **3B334D**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **100221**, and if you desaturate by 10%, it is **140821**.

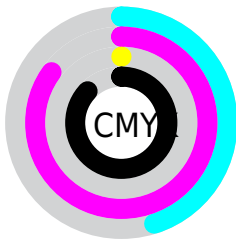
Distribution



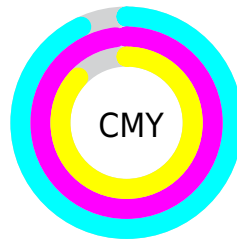
- Red (7%)
- Green (2%)
- Blue (13%)



- Red (7%)
- Yellow (2%)
- Blue (13%)



- Cyan (45%)
- Magenta (85%)
- Yellow (0%)
- Black (87%)



- Cyan (93%)
- Magenta (98%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 120521 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 120521 by changing the saturation by 10% instead.

■ 120521

■ 120521

■ F2E6FF

■ 000007

■ 3B334D

■ 000000

■ 534965

■ 6B617E

■ 857A98

■ 9F94B3

■ BAAFCE

■ D6CAEB

■ 120521

■ 120521

■ 100221

■ 140821

■ 0F0021

■ 160C21

■ 170F21

■ 191221

■ 1B1621

■ 1D1921

■ 1E1C21

■ 201F21

■ 222321

Harmonies

Analogous

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



000C25



120521



1F0018

Triad

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



120521



1C0500



00130E

Complementary

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



120521



142105

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.



001300



120521



0D0C00

Square

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



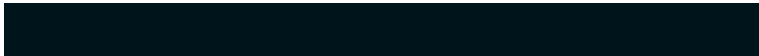
120521



230000



001100



00141B

Rectangle

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



120521



23000F



001100



001307

Sweetspot

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



120521



26212B



051421



131017



969696



171717

Same Dimension

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



120521



14002B



200521



0E0E0F



25004F



6000CF

Inverse Universe

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



210514



2B0017



062105



0F0E0F



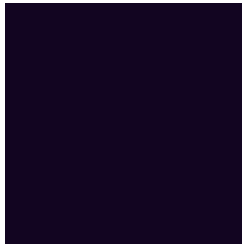
4F002A



CF006F

Previews

White Background



This preview shows how the Hex color 120521 looks on a white background.

Color Contrast Check

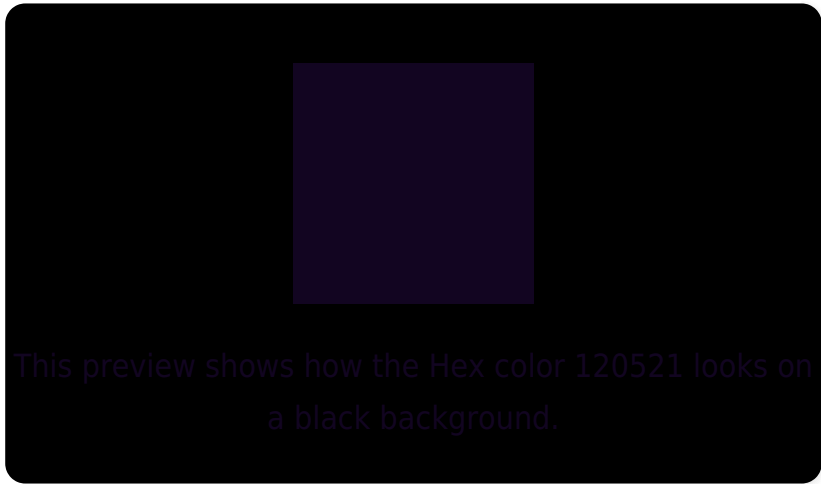
Large Text (above 18pt) WCAG AA ✓ Pass

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

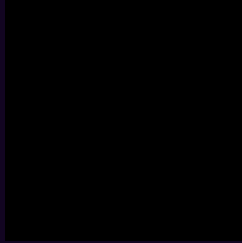
Any Text WCAG AA × Fail

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 120521 Background



This preview shows how black text looks on a background with the Hex color 120521.



This preview shows how white text looks on a background with the Hex color 120521.

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
120521

Protanopia
000D1C

Deuteranopia
000E18



Trichromacy



Original Color
120521

Protanomaly
070A1E

Deuteranomaly
070B1B

Tritanomaly
0F0A16

Monochromacy



Original Color
120521

Achromatopsia
0C0C0C

Achromatomaly
0E0914

CSS Examples

Text

The CSS property to change the color of the text to Hex 120521 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 #120521 looks like.

```
.text, #text, p{  
    color:#120521  
}
```

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 #120521 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #120521
}
```

Border

The CSS property to change the border of an element to Hex 120521 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
#120521 }
```

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

```
.border{ border-color:#120521 }
```

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

Here you see how a box with a 4 pixel #120521 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #120521; -webkit-box-shadow:4px 4px  
4px 4px #120521; box-shadow:4px 4px 4px  
4px #120521 }
```

Background

The CSS property to change the background color of an element to Hex 120521 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#120521 }
```

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

```
.background{ background-color:#120521 }
```

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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