

Converting Colors

Hex(120082)

Have a look what the booklet for
Hex(120082) contains.

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Color

Hex(120082)

Conversions

Conversions Part 1

Format	Color
Hex	120082
RGB	18, 0, 130
RGB Percent	7%, 0%, 51%
CMY	0.9294, 1.0000, 0.4902
CMYK	0.86, 1.00, 0.00, 0.49
HSL	248°, 100%, 25%
HSV	248°, 100%, 51%
XYZ	4.2787, 1.7403, 21.2295
YIQ	20.2020, -31.0020, 44.2460

Conversions

Conversions Part 2

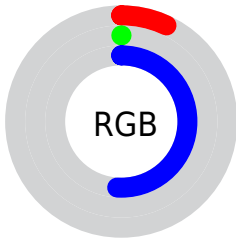
Format	Color
R_{YB}	18, 0, 130
Decimal	1179778
CIE _{Lab}	14.06, 48.29, -64.14
CIE _{LCh}	14, 80.292, 306.976
Yxy	1.7403, 0.1570, 0.0639
Android (android.graphics.Color)	4279369858 (0xFF120082)
YUV	20.2020, 54.1304, -1.9312
Hunter-Lab	13.1921, 34.8087, -86.1788

Details

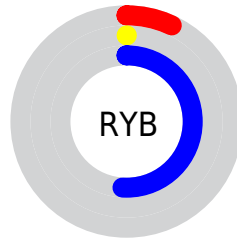
The Hex color **120082** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **708200**, and the grayscale version is **141414**.

A 20% lighter version of the original color is **5934B8**, and **00004F** is the 20% darker color. If you saturate the color by 10%, you get **120082**, and if you desaturate by 10%, it is **1D0D82**.

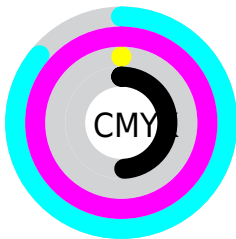
Distribution



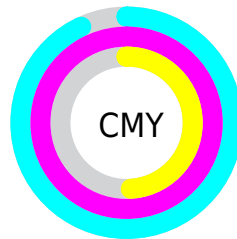
- Red (7%)
- Green (0%)
- Blue (51%)



- Red (7%)
- Yellow (0%)
- Blue (51%)



- Cyan (86%)
- Magenta (100%)
- Yellow (0%)
- Black (49%)



- Cyan (93%)
- Magenta (100%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 120082 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 120082 by changing the saturation by 10% instead.

 120082

 120082

 FFEEFF

 000068

 5934B8

 00004F

 764DD5

 000537

 9366F1

 000221

 B080FF

 000005

 CD9AFF

 000000

 EBB6FF

 FFD2FF

 120082

■ 1D0D82

■ 281A82

■ 342782

■ 3F3482

■ 4A4182

■ 554E82

■ 605B82

■ 6C6882

■ 777582

Harmonies

Analogous

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



002C9A



120082



690051

Triad

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



120082



4E0600



003430

Complementary

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



120082



708200

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.



003300



120082



222700

Square

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



120082



6D0000



003000



003769

Rectangle

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



120082



78002C



003000



00331D

Sweetspot

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



120082



7D76A8



007182



3A3654



D4D4D4



545454

Same Dimension

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



120082



1700A8



520082



3A3940



120080



000000

Inverse Universe

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



820070



A80091



308200



40393F



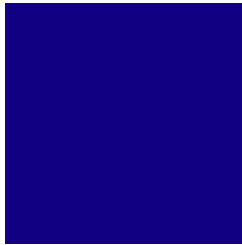
80006E



000000

Previews

White Background



This preview shows how the Hex color 120082 looks on a white background.

Color Contrast Check

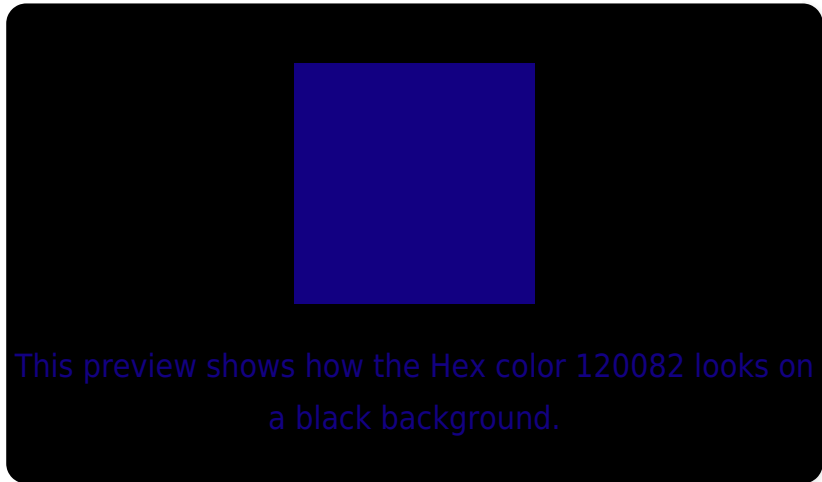
Large Text (above 18pt) WCAG AA ✓ Pass

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

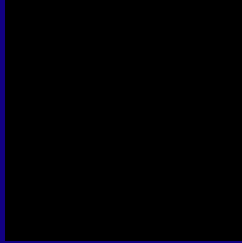
Any Text WCAG AA × Fail

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 120082 Background



This preview shows how black text looks on a background with the Hex color 120082.



This preview shows how white text looks on a background with the Hex color 120082.

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

120082

Protanopia

002751

Deuteranopia

002945

Trichromacy



Original Color
120082

Protanomaly
071963

Deuteranomaly
071A5B

Tritanomaly
071C4D

Monochromacy



Original Color
120082

Achromatopsia
141414

Achromatomaly
130D3C

CSS Examples

Text

The CSS property to change the color of the text to Hex 120082 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 #120082 looks like.

```
.text, #text, p{  
    color:#120082  
}
```

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 #120082 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #120082
}
```

Border

The CSS property to change the border of an element to Hex 120082 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
#120082 }
```

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

```
.border{ border-color:#120082 }
```

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

Here you see how a box with a 4 pixel #120082 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #120082; -webkit-box-shadow:4px 4px  
4px 4px #120082; box-shadow:4px 4px 4px  
4px #120082 }
```

Background

The CSS property to change the background color of an element to Hex 120082 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#120082 }
```

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

```
.background{ background-color:#120082 }
```

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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