

Converting Colors

Hex(120432)

Have a look what the booklet for
Hex(120432) contains.

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Color

Hex(120432)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 120432 |
| RGB | 18, 4, 50 |
| RGB Percent | 7%, 2%, 20% |
| CMY | 0.9294, 0.9843, 0.8039 |
| CMYK | 0.64, 0.92, 0.00, 0.80 |
| HSL | 258°, 85%, 11% |
| HSV | 258°, 92%, 20% |
| XYZ | 0.8686, 0.4457, 3.0579 |
| YIQ | 13.4300, -6.4220, 17.2740 |

Conversions

Conversions Part 2

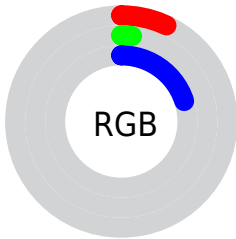
| Format | Color |
|-------------------------------------|------------------------------|
| RYB | 18, 4, 50 |
| Decimal | 1180722 |
| CIELab | 4.03, 18.22, -26.26 |
| CIELCh | 4, 31.963, 304.743 |
| Yxy | 0.4457, 0.1987, 0.1019 |
| Android (android.graphics.Color) | 4279370802 (0xFF120432) |
| YUV | 13.4300, 18.0290, 4.0079 |
| Hunter-Lab | 6.6762, 11.5399, -22.4828 |

Details

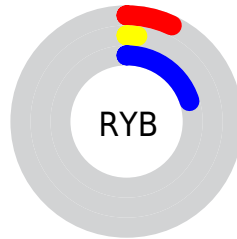
The Hex color **120432** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **243204**, and the grayscale version is **0D0D0D**.

A 20% lighter version of the original color is **3F3161**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **0F0032**, and if you desaturate by 10%, it is **150932**.

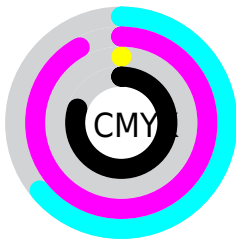
Distribution



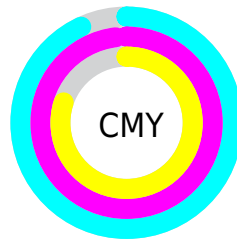
- Red (7%)
- Green (2%)
- Blue (20%)



- Red (7%)
- Yellow (2%)
- Blue (20%)



- Cyan (64%)
- Magenta (92%)
- Yellow (0%)
- Black (80%)



- Cyan (93%)
- Magenta (98%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 120432 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 120432 by changing the saturation by 10% instead.

 120432

 120432

 F9E4FF

 00021C

 3F3161

 000000

 57487A

 706094

 8A78AF

 A592CA

 C0ADE6

 DCC8FF

 120432

 120432

■ 0F0032

■ 150932

■ 190E32

■ 1C1332

■ 201832

■ 231D32

■ 272232

■ 2A2732

■ 2E2C32

■ 313132

Harmonies

Analogous

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



001039



120432



2A0022

Triad

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



120432



240300



001712

Complementary

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



120432



243204

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.



001700



120432



0F0F00

Square

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



120432



2F0000



001700



001827

Rectangle

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



120432



310014



001700



001707

Sweetspot

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



120432



332E40



042432



191621



A1A1A1



212121

Same Dimension

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



120432



130040



290432



18171A



1B0059



4200D9

Inverse Universe

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



320424



40002C



0D3204



1A1719



59003E



D90097

Previews

White Background



This preview shows how the Hex color 120432 looks on a white background.

Color Contrast Check

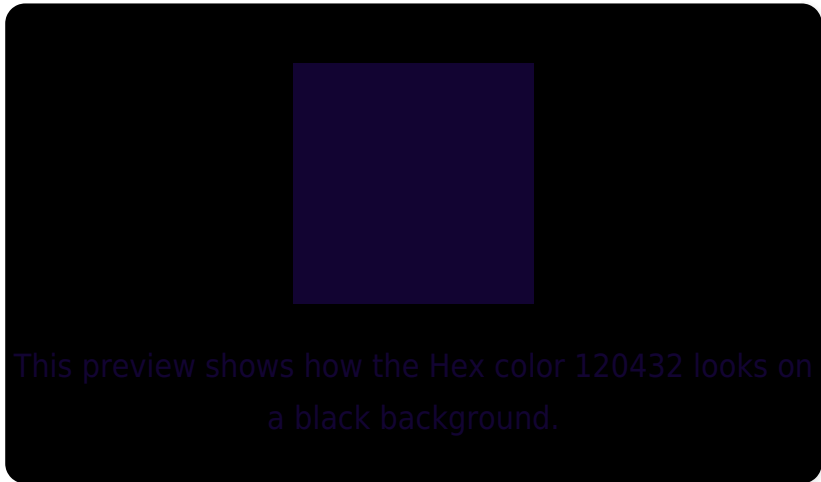
Large Text (above 18pt) WCAG AA ✓ Pass

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

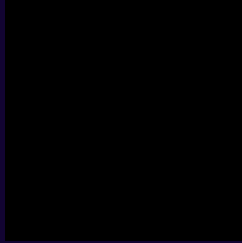
Any Text WCAG AA × Fail

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 120432 Background



This preview shows how black text looks on a background with the Hex color 120432.



This preview shows how white text looks on a background with the Hex color 120432.

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
120432

Protanopia
001123

Deuteranopia
00121E



Tritanopia
001315

Trichromacy



Original Color
120432

Protanomaly
070C28

Deuteranomaly
070D25

Tritanomaly
070E20

Monochromacy



Original Color
120432

Achromatopsia
0D0D0D

Achromatomaly
0F0A1A

CSS Examples

Text

The CSS property to change the color of the text to Hex 120432 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 #120432 looks like.

```
.text, #text, p{  
    color:#120432  
}
```

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 #120432 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #120432
}
```

Border

The CSS property to change the border of an element to Hex 120432 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".

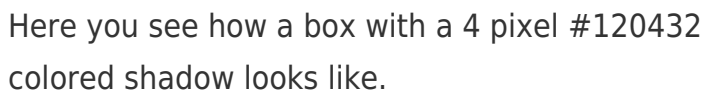
```
.border, #border, table{ border:4px solid
#120432 }
```

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

```
.border{ border-color:#120432 }
```

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

Here you see how a box with a 4 pixel #120432 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #120432; -webkit-box-shadow:4px 4px  
4px 4px #120432; box-shadow:4px 4px 4px  
4px #120432 }
```

Background

The CSS property to change the background color of an element to Hex 120432 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#120432 }
```

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

```
.background{ background-color:#120432 }
```

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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