

Converting Colors

Hex(120500)

Have a look what the booklet for
Hex(120500) contains.

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Color

Hex(120500)

Conversions

Conversions Part 1

Format	Color
Hex	120500
RGB	18, 5, 0
RGB Percent	7%, 2%, 0%
CMY	0.9294, 0.9804, 1.0000
CMYK	0.00, 0.72, 1.00, 0.93
HSL	17°, 100%, 4%
HSV	17°, 100%, 7%
XYZ	0.3037, 0.2371, 0.0298

Conversions

Conversions Part 2

Format	Color
R _Y B	18, 7, 0
Decimal	1180928
CIE Lab	2.14, 3.21, 3.27
CIE LCh	2, 4.580, 45.520
Yxy	0.2371, 0.5323, 0.4156
Android (android.graphics.Color)	4279371008 (0xFF120500)
YUV	8.3170, -4.1003, 8.4920

Details

The Hex color **120500** is a dark color, and the **websafe** version is hex **000000**. A complement of this color would be **000D12**, and the grayscale version is **080808**.

A 20% lighter version of the original color is **3C3330**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **120500**, and if you desaturate by 10%, it is **120602**.

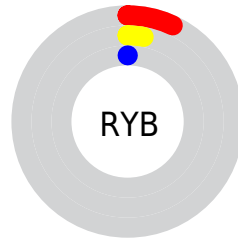
Distribution



Red (7%)

Green (2%)

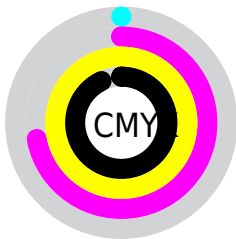
Blue (0%)



Red (7%)

Yellow (3%)

Blue (0%)



Cyan (0%)

Magenta (72%)

Yellow (100%)

Black (93%)



Cyan (93%)

Magenta (98%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 120500 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 120500 by changing the saturation by 10% instead.

■ 120500

■ 261E1B

■ 3C3330

■ 534A47

■ 6B625E

■ 847A77

■ 9F9491

■ BAAFAB

■ D5CAC6

■ F2E6E2

■ 120500

■ 000000

■ 120500

■ 120602

■ 120804

■ 120905

■ 120A07

■ 120B09

■ 120D0B

■ 120E0D

■ 120F0E

■ 121110

Harmonies

Analogous

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



130405



120500



0E0700

Triad

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



120500



000B05



060711

Complementary

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



120500



000D12

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.



000911



120500



000B0B

Square

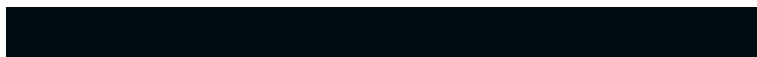
The square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



120500



030A00



000B0F



0C060F

Rectangle

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



120500



0B0800



000B0F



040811

Sweetspot

The sweet spot groups the original color and five complimentary colors.



120500



171210



12000D



0D0908



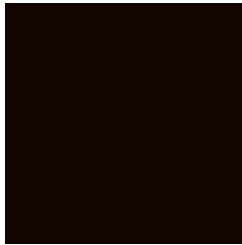
8C8C8C



0D0D0D

Previews

White Background



This preview shows how the Hex color 120500 looks on a white background.

Color Contrast Check

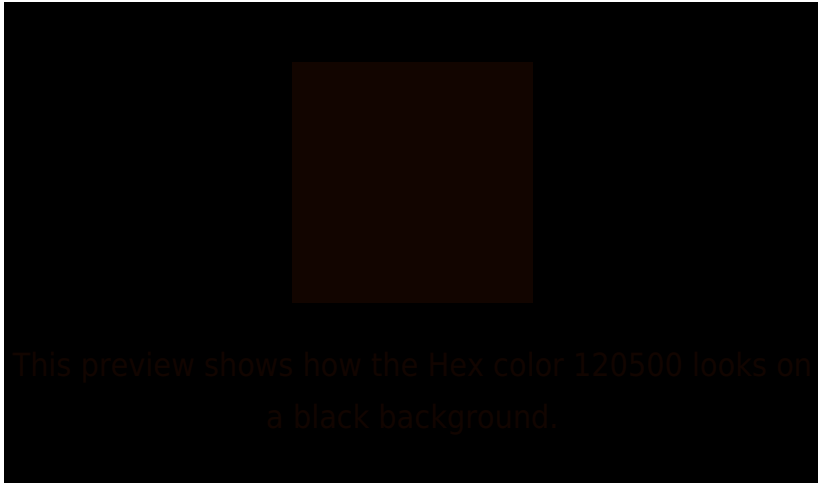
Large Text (above 18pt) WCAG AA ✓ Pass

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

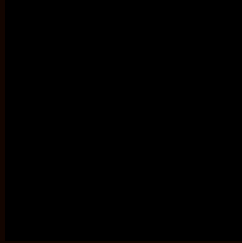
Any Text WCAG AA × Fail

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 120500 Background



This preview shows how black text looks on a background with the Hex color 120500.

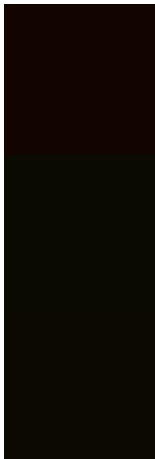


This preview shows how white text looks on a background with the Hex color 120500.

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
120500

Protanopia
0B0A02

Deuteranopia
0C0900



Tritanopia
120505

Trichromacy



Original Color
120500

Protanomaly
0E0801

Deuteranomaly
0E0800

Tritanomaly
120503

Monochromacy



Original Color
120500

Achromatopsia
080808

Achromatomaly
0C0705

CSS Examples

Text

The CSS property to change the color of the text to Hex 120500 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 #120500 looks like.

```
.text, #text, p{  
    color:#120500  
}
```


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 #120500 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #120500
}
```

Border

The CSS property to change the border of an element to Hex 120500 is called "border". The border property can be set on classes, ids or directly on the HTML element.

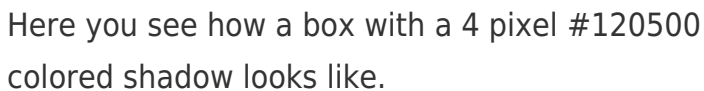
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#120500 }
```

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

```
.border{ border-color:#120500 }
```

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



Here you see how a box with a 4 pixel #120500 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #120500; -webkit-box-shadow:4px 4px  
4px 4px #120500; box-shadow:4px 4px 4px  
4px #120500 }
```

Background

The CSS property to change the background color of an element to Hex 120500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#120500 }
```

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

```
.background{ background-color:#120500 }
```

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](#).

Hey! You found this booklet interesting? Have a look at my other booklet **HOWCOLORS.WORK – A CSS color notation guide.**



HOWCOLORS.WORK

A CSS color notation guide.

Are you new to web development and want to know the different ways to express colors in CSS? Then this booklet is for you!

HOWCOLORS.WORK will help you understand the syntax of the color notations in CSS.

You will learn all the current and new ways to express colors to prepare yourself for the future!

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