

Converting Colors

Hex(120804)

Have a look what the booklet for
Hex(120804) contains.

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Color

Hex(120804)

Conversions

Conversions Part 1

Format	Color
Hex	120804
RGB	18, 8, 4
RGB Percent	7%, 3%, 2%
CMY	0.9294, 0.9686, 0.9843
CMYK	0.00, 0.56, 0.78, 0.93
HSL	17°, 64%, 4%
HSV	17°, 78%, 7%
XYZ	0.3582, 0.3110, 0.1560
YIQ	10.5340, 7.2440, 0.8760

Conversions

Conversions Part 2

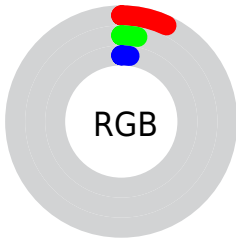
Format	Color
RYB	18, 10, 4
Decimal	1181700
CIELab	2.81, 2.56, 2.61
CIElCh	3, 3.660, 45.542
Yxy	0.3110, 0.4341, 0.3769
Android (android.graphics.Color)	4279371780 (0xFF120804)
YUV	10.5340, -3.2213, 6.5477
Hunter-Lab	5.5770, 1.7050, 2.2452

Details

The Hex color **120804** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **040E12**, and the grayscale version is **0B0B0B**.

A 20% lighter version of the original color is **3C3533**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **120702**, and if you desaturate by 10%, it is **120906**.

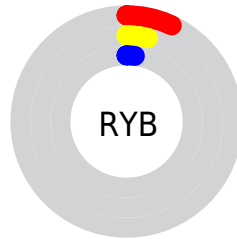
Distribution



Red (7%)

Green (3%)

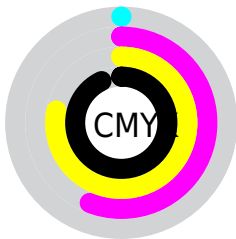
Blue (2%)



Red (7%)

Yellow (4%)

Blue (2%)

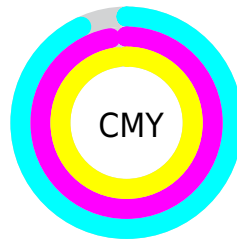


Cyan (0%)

Magenta (56%)

Yellow (78%)

Black (93%)



Cyan (93%)

Magenta (97%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 120804 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 120804 by changing the saturation by 10% instead.

■ 120804

■ 120804

■ F2E9E5

■ 000000

■ 3C3533

■ 534C49

■ 6B6461

■ 857C7A

■ 9F9693

■ BAB1AE

■ D5CCC9

■ 120804

■ 120804

■ 120702

■ 120906

■ 120500

■ 120B08

■ 120C09

■ 120D0B

■ 120E0D

■ 12100F

■ 121111

■ 121212

■ 121414

Harmonies

Analogous

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



120708



120804



100902

Triad

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



120804



020D08



090A11

Complementary

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



120804



040E12

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.



040B11



120804



000D0C

Square

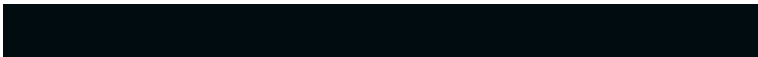
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



120804



060C04



010C10



0E0810

Rectangle

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



120804



0D0A01



010C10



070A11

Sweetspot

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



120804



171312



12040E



0D0A09



8C8C8C



0D0D0D

Same Dimension

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



120804



170802



120F04



0A0909



4A1500



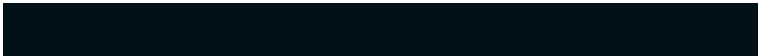
C93A00

Inverse Universe

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



040E12



021117



040712



090A0A



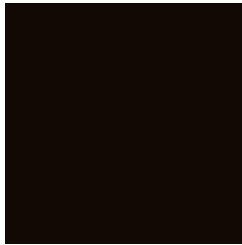
00354A



0090C9

Previews

White Background



This preview shows how the Hex color 120804 looks on a white background.

Color Contrast Check

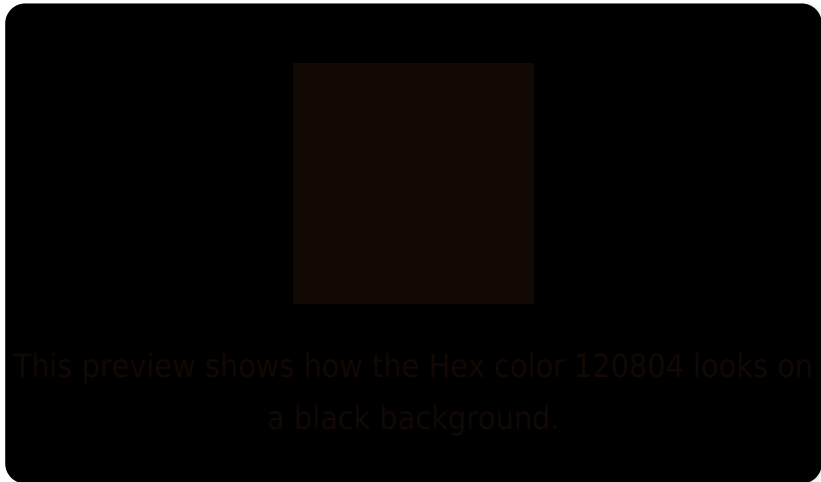
Large Text (above 18pt) WCAG AA ✓ Pass

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

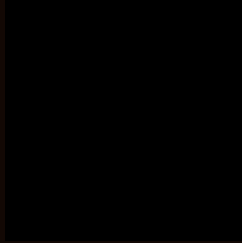
Any Text WCAG AA × Fail

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 120804 Background



This preview shows how black text looks on a background with the Hex color 120804.

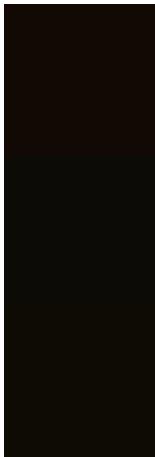


This preview shows how white text looks on a background with the Hex color 120804.

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
120804

Protanopia
0C0B05

Deuteranopia
0E0B03



Tritanopia
120808

Trichromacy



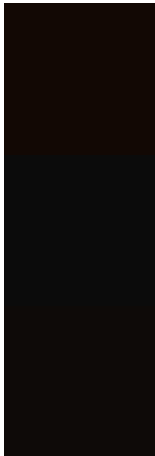
Original Color
120804

Protanomaly
0E0A05

Deuteranomaly
0F0A03

Tritanomaly
120807

Monochromacy



Original Color
120804

Achromatopsia
0B0B0B

Achromatomaly
0E0A08

CSS Examples

Text

The CSS property to change the color of the text to Hex 120804 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 #120804 looks like.

```
.text, #text, p{  
    color:#120804  
}
```

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 #120804 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #120804
}
```

Border

The CSS property to change the border of an element to Hex 120804 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
#120804 }
```

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

```
.border{ border-color:#120804 }
```

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

Here you see how a box with a 4 pixel #120804 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #120804; -webkit-box-shadow:4px 4px  
4px 4px #120804; box-shadow:4px 4px 4px  
4px #120804 }
```

Background

The CSS property to change the background color of an element to Hex 120804 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#120804 }
```

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

```
.background{ background-color:#120804 }
```

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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