

Converting Colors

Hex(17120D)

Have a look what the booklet for
Hex(17120D) contains.

Hex(17120D)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(17120D)

Conversions

Conversions Part 1

Format	Color
Hex	17120D
RGB	23, 18, 13
RGB Percent	9%, 7%, 5%
CMY	0.9098, 0.9294, 0.9490
CMYK	0.00, 0.22, 0.43, 0.91
HSL	30°, 28%, 7%
HSV	30°, 43%, 9%
XYZ	0.6423, 0.6438, 0.4712
YIQ	18.9250, 4.5850, -0.4950

Conversions

Conversions Part 2

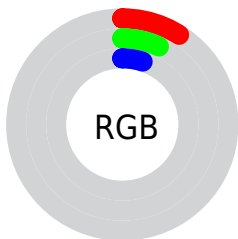
Format	Color
RYB	23, 23, 13
Decimal	1511949
CIELab	5.82, 1.24, 3.29
CIElCh	6, 3.515, 69.277
Yxy	0.6438, 0.3655, 0.3664
Android (android.graphics.Color)	4279702029 (0xFF17120D)
YUV	18.9250, -2.9210, 3.5738
Hunter-Lab	8.0239, 0.2469, 2.1350

Details

The Hex color **17120D** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **0D1217**, and the grayscale version is **131313**.

A 20% lighter version of the original color is **413C38**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **17110B**, and if you desaturate by 10%, it is **17130F**.

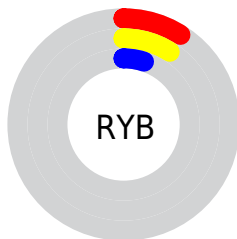
Distribution



Red (9%)

Green (7%)

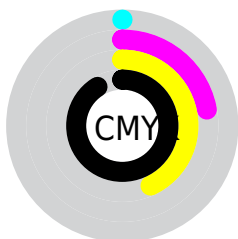
Blue (5%)



Red (9%)

Yellow (9%)

Blue (5%)

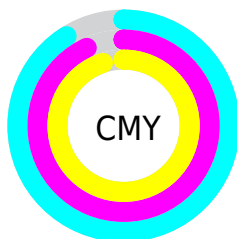


Cyan (0%)

Magenta (22%)

Yellow (43%)

Black (91%)



Cyan (91%)

Magenta (93%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 17120D 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 17120D by changing the saturation by 10% instead.

■ 17120D

■ 17120D

■ F8F2ED

■ 000000

■ 413C38

■ 59534F

■ 716C67

■ 8A8580

■ A59F9A

■ C0BAB5

■ DCD6D0

■ 17120D

■ 17120D

■ 17110B

■ 17130F

■ 171008

■ 171412

■ 170F06

■ 171514

■ 170D04

■ 171716

■ 170C01

■ 171819

■ 170C00

■ 17191B

■ 171A1D

■ 171B1F

■ 171C22

Harmonies

Analogous

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



18110F



17120D



14130D

Triad

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



17120D



0B1514



151217

Complementary

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



17120D



0D1217

Split Complementary

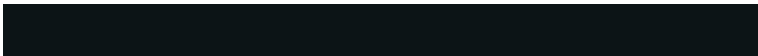
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



111318



17120D



0C1416

Square

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



17120D



0E1411



0E1418



171115

Rectangle

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



17120D



12140D



0E1418



131217

Sweetspot

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



17120D



1F1D1B



170D12



0F0E0D



8F8F8F



0F0F0F

Same Dimension

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



17120D



1F170F



17170D



0D0C0B



4D2600



CC6600

Inverse Universe

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



0D1217



0F171F



0D0D17



0B0C0D



00264D



0066CC

Previews

White Background



This preview shows how the Hex color 17120D looks on a white background.

Color Contrast Check

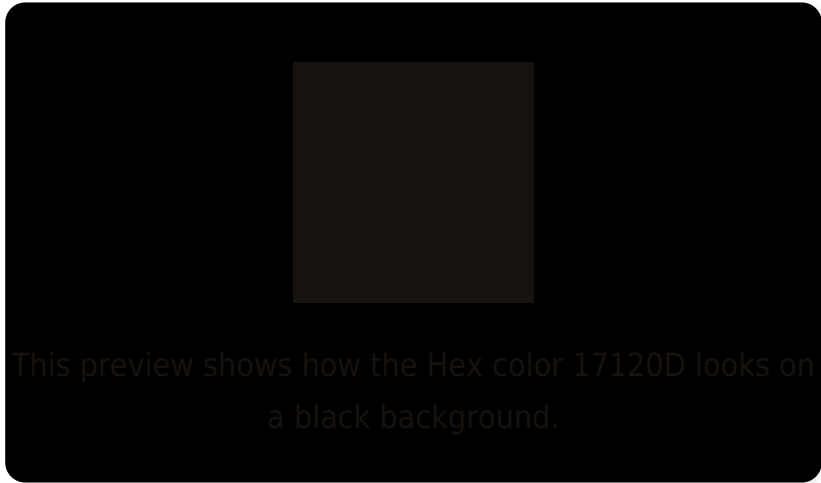
Large Text (above 18pt) WCAG AA ✓ Pass

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

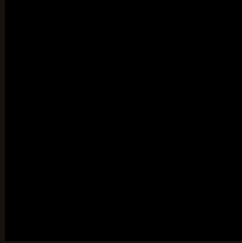
Any Text WCAG AA × Fail

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 17120D Background



This preview shows how black text looks on a background with the Hex color 17120D.

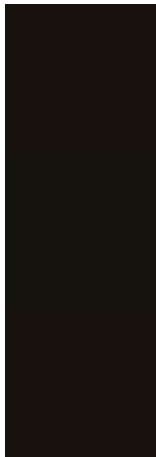


This preview shows how white text looks on a background with the Hex color 17120D.

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
17120D

Protanopia
14130D

Deuteranopia
17120D



Tritanopia
181113

Trichromacy



Original Color

17120D

Protanomaly

15130D

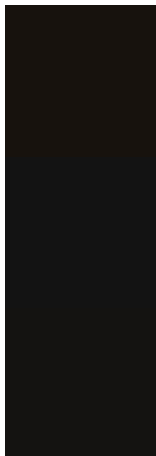
Deuteranomaly

17120D

Tritanomaly

181111

Monochromacy



Original Color

17120D

Achromatopsia

131313

Achromatomaly

141311

CSS Examples

Text

The CSS property to change the color of the text to Hex 17120D 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 #17120D looks like.

```
.text, #text, p{  
    color:#17120D  
}
```

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 #17120D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #17120D
}
```

Border

The CSS property to change the border of an element to Hex 17120D is called "border". The border property can be set on classes, ids or directly on the HTML element.

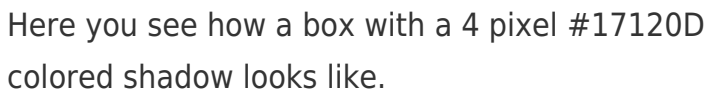
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#17120D }
```

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

```
.border{ border-color:#17120D }
```

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



Here you see how a box with a 4 pixel #17120D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #17120D; -webkit-box-shadow:4px 4px  
4px 4px #17120D; box-shadow:4px 4px 4px  
4px #17120D }
```

Background

The CSS property to change the background color of an element to Hex 17120D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#17120D }
```

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

```
.background{ background-color:#17120D }
```

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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