

Converting Colors

Hex(170802)

Have a look what the booklet for
Hex(170802) contains.

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Color

Hex(170802)

Conversions

Conversions Part 1

Format	Color
Hex	170802
RGB	23, 8, 2
RGB Percent	9%, 3%, 1%
CMY	0.9098, 0.9686, 0.9922
CMYK	0.00, 0.65, 0.91, 0.91
HSL	17°, 84%, 5%
HSV	17°, 91%, 9%
XYZ	0.4511, 0.3602, 0.1032
YIQ	11.8010, 10.8660, 1.3140

Conversions

Conversions Part 2

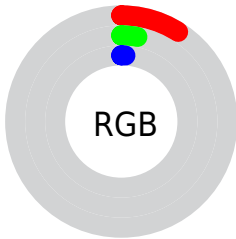
Format	Color
RYB	23, 10, 2
Decimal	1509378
CIELab	3.25, 4.46, 4.13
CIELCh	3, 6.078, 42.855
Yxy	0.3602, 0.4933, 0.3939
Android (android.graphics.Color)	4279699458 (0xFF170802)
YUV	11.8010, -4.8319, 9.8215
Hunter-Lab	6.0017, 2.9145, 3.1819

Details

The Hex color **170802** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **021117**, and the grayscale version is **0C0C0C**.

A 20% lighter version of the original color is **403531**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **170700**, and if you desaturate by 10%, it is **170A04**.

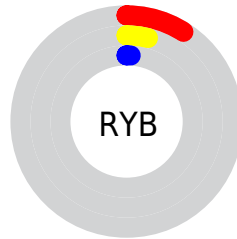
Distribution



Red (9%)

Green (3%)

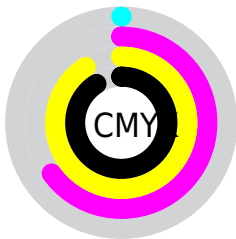
Blue (1%)



Red (9%)

Yellow (4%)

Blue (1%)

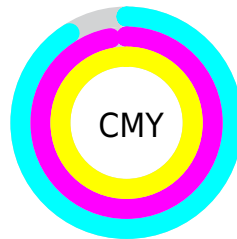


Cyan (0%)

Magenta (65%)

Yellow (91%)

Black (91%)



Cyan (91%)

Magenta (97%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 170802 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 170802 by changing the saturation by 10% instead.

■ 170802

■ 170802

■ F8E9E4

■ 000000

■ 403531

■ 584C48

■ 716360

■ 8A7C78

■ A49692

■ C0B1AC

■ DBCCC8

■ 170802

■ 170802

■ 170700

■ 170A04

■ 170B07

■ 170D09

■ 170F0B

■ 17100E

■ 171210

■ 171312

■ 171514

■ 171717

Harmonies

Analogous

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



170709



170802



140A00

Triad

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



170802



000F07



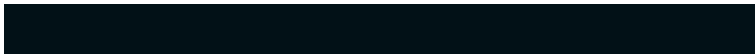
090B16

Complementary

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



170802



021117

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.



010D16



170802



00100E

Square

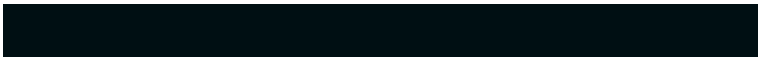
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



170802



060E01



000F13



100914

Rectangle

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



170802



100C00



000F13



060C16

Sweetspot

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



170802



1F1916



170211



0F0C0A



8F8F8F



0F0F0F

Same Dimension

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



170802



1F0900



171202



0D0C0B



4D1600



CC3A00

Inverse Universe

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



021117



00161F



020717



0B0C0D



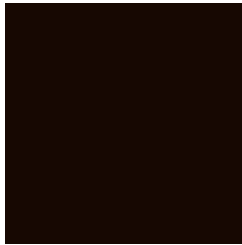
00374D



0092CC

Previews

White Background



This preview shows how the Hex color 170802 looks on a white background.

Color Contrast Check

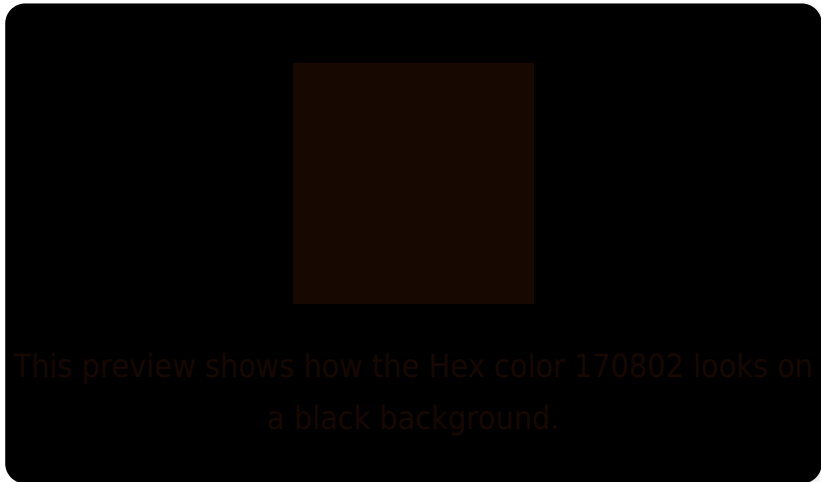
Large Text (above 18pt) WCAG AA ✓ Pass

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

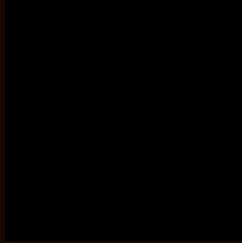
Any Text WCAG AA × Fail

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 170802 Background



This preview shows how black text looks on a background with the Hex color 170802.

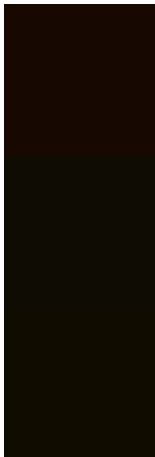


This preview shows how white text looks on a background with the Hex color 170802.

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
170802

Protanopia
0F0D03

Deuteranopia
110C00



Tritanopia
170708

Trichromacy



Original Color

170802

Protanomaly

120B03

Deuteranomaly

130B01

Tritanomaly

170706

Monochromacy



Original Color

170802

Achromatopsia

0C0C0C

Achromatomaly

100B08

CSS Examples

Text

The CSS property to change the color of the text to Hex 170802 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 #170802 looks like.

```
.text, #text, p{  
    color:#170802  
}
```

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 #170802 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #170802
}
```

Border

The CSS property to change the border of an element to Hex 170802 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
#170802 }
```

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

```
.border{ border-color:#170802 }
```

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

Here you see how a box with a 4 pixel #170802 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #170802; -webkit-box-shadow:4px 4px  
4px 4px #170802; box-shadow:4px 4px 4px  
4px #170802 }
```

Background

The CSS property to change the background color of an element to Hex 170802 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#170802 }
```

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

```
.background{ background-color:#170802 }
```

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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