

Converting Colors

Hex(170A14)

Have a look what the booklet for
Hex(170A14) contains.

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Color

Hex(170A14)

Conversions

Conversions Part 1

Format	Color
Hex	170A14
RGB	23, 10, 20
RGB Percent	9%, 4%, 8%
CMY	0.9098, 0.9608, 0.9216
CMYK	0.00, 0.57, 0.13, 0.91
HSL	314°, 39%, 6%
HSV	314°, 57%, 9%
XYZ	0.5882, 0.4497, 0.7176
YIQ	15.0270, 4.5380, 5.8660

Conversions

Conversions Part 2

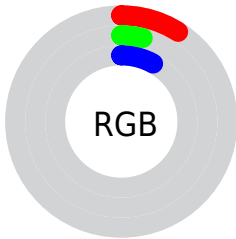
Format	Color
RYB	23, 10, 20
Decimal	1509908
CIELab	4.06, 6.58, -3.26
CIELCh	4, 7.345, 333.651
Yxy	0.4497, 0.3350, 0.2562
Android (android.graphics.Color)	4279699988 (0xFF170A14)
YUV	15.0270, 2.4517, 6.9923
Hunter-Lab	6.7063, 3.9187, -1.6501

Details

The Hex color **170A14** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **0A170D**, and the grayscale version is **0F0F0F**.

A 20% lighter version of the original color is **41363E**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **170813**, and if you desaturate by 10%, it is **170C15**.

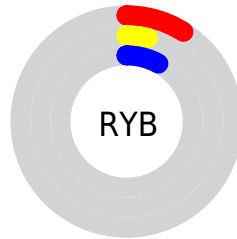
Distribution



Red (9%)

Green (4%)

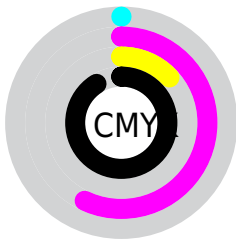
Blue (8%)



Red (9%)

Yellow (4%)

Blue (8%)

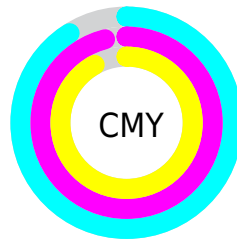


Cyan (0%)

Magenta (57%)

Yellow (13%)

Black (91%)



Cyan (91%)

Magenta (96%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color 170A14 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 170A14 by changing the saturation by 10% instead.

■ 170A14

■ 170A14

■ F8EAF4

■ 000000

■ 41363E

■ 584D55

■ 71656E

■ 8A7E87

■ A598A1

■ C0B2BC

■ DCCED8

■ 170A14

■ 170A14

■ 170813

■ 170C15

■ 170513

■ 170F15

■ 170312

■ 171116

■ 170112

■ 171316

■ 170012

■ 171617

■ 171817

■ 171A18

■ 171C18

■ 171F19

Harmonies

Analogous

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



110C18



170A14



1A090E

Triad

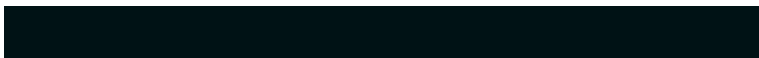
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



170A14



130E00



001215

Complementary

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



170A14



0A170D

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.



00120F



170A14



0B1000

Square

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



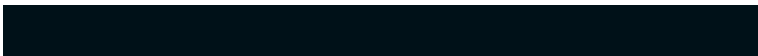
170A14



180C00



011207



001118

Rectangle

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



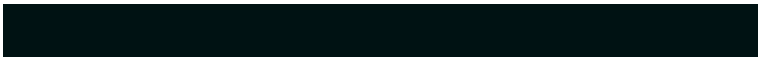
170A14



1B0908



011207



001213

Sweetspot

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



170A14



1F191D



0D0A17



0F0C0F



8F8F8F



0F0F0F

Same Dimension

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



170A14



1F0A1A



170A0E



0D0B0C



4D003B



CC009D

Inverse Universe

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



170A14



1F0A1A



0A1713



0D0B0C



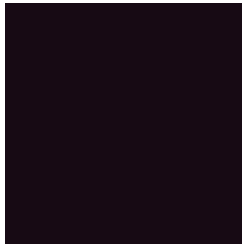
4D003B



CC009D

Previews

White Background



This preview shows how the Hex color 170A14 looks on a white background.

Color Contrast Check

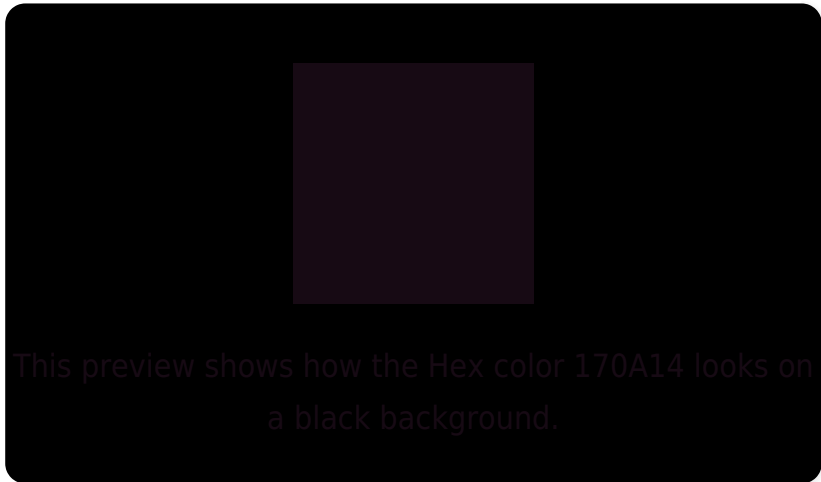
Large Text (above 18pt) WCAG AA ✓ Pass

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

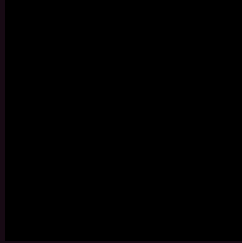
Any Text WCAG AA × Fail

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 170A14 Background



This preview shows how black text looks on a background with the Hex color 170A14.



This preview shows how white text looks on a background with the Hex color 170A14.

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

170A14

Protanopia

0C0F18

Deuteranopia

0E0F13



Tritanopia
160C0D

Trichromacy



Original Color

170A14

Protanomaly

100D17

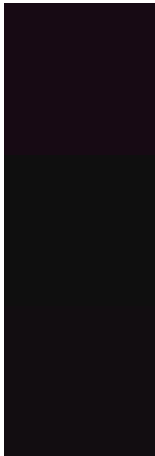
Deuteranomaly

110D13

Tritanomaly

160B10

Monochromacy



Original Color

170A14

Achromatopsia

0F0F0F

Achromatomaly

120D11

CSS Examples

Text

The CSS property to change the color of the text to Hex 170A14 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 #170A14 looks like.

```
.text, #text, p{  
    color:#170A14  
}
```

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 #170A14 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #170A14
}
```

Border

The CSS property to change the border of an element to Hex 170A14 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
#170A14 }
```

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

```
.border{ border-color:#170A14 }
```

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

Here you see how a box with a 4 pixel #170A14 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #170A14; -webkit-box-shadow:4px 4px  
4px 4px #170A14; box-shadow:4px 4px 4px  
4px #170A14 }
```

Background

The CSS property to change the background color of an element to Hex 170A14 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#170A14 }
```

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

```
.background{ background-color:#170A14 }
```

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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