

Converting Colors

Hex(1A170A)

Have a look what the booklet for
Hex(1A170A) contains.

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Color

Hex(1A170A)

Conversions

Conversions Part 1

Format	Color
Hex	1A170A
RGB	26, 23, 10
RGB Percent	10%, 9%, 4%
CMY	0.8980, 0.9098, 0.9608
CMYK	0.00, 0.12, 0.62, 0.90
HSL	49°, 44%, 7%
HSV	49°, 62%, 10%
XYZ	0.7872, 0.8543, 0.4106
YIQ	22.4150, 5.9610, -3.4070

Conversions

Conversions Part 2

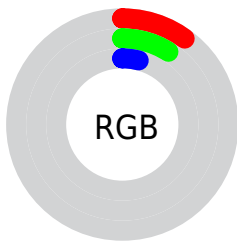
Format	Color
R_{YB}	14, 26, 10
Decimal	1709834
CIE _{Lab}	7.72, -1.02, 7.43
CIE _{LCh}	8, 7.502, 97.789
Yxy	0.8543, 0.3836, 0.4163
Android (android.graphics.Color)	4279899914 (0xFF1A170A)
YUV	22.4150, -6.1206, 3.1440
Hunter-Lab	9.2429, -0.9730, 3.8364

Details

The Hex color **1A170A** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **0A0D1A**, and the grayscale version is **161616**.

A 20% lighter version of the original color is **444236**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **1A1707**, and if you desaturate by 10%, it is **1A170D**.

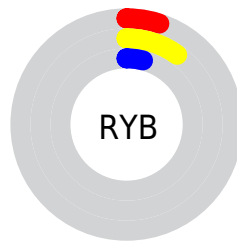
Distribution



Red (10%)

Green (9%)

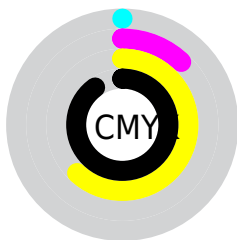
Blue (4%)



Red (5%)

Yellow (10%)

Blue (4%)

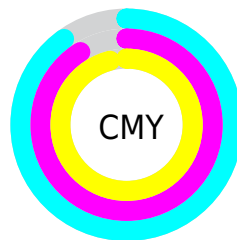


Cyan (0%)

Magenta (12%)

Yellow (62%)

Black (90%)



Cyan (90%)

Magenta (91%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1A170A 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 1A170A by changing the saturation by 10% instead.

■ 1A170A

■ 1A170A

■ FDF8EA

■ 000000

■ 444236

■ 5C594D

■ 757165

■ 8E8B7E

■ A9A598

■ C4C0B2

■ E0DCCE

■ 1A170A

■ 1A170A

■ 1A1707

■ 1A170D

■ 1A1605

■ 1A180F

■ 1A1602

■ 1A1812

■ 1A1500

■ 1A1914

■ 1A1917

■ 1A1A1A

■ 1A1A1C

■ 1A1B1F

■ 1A1B21

Harmonies

Analogous

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



1E150B



1A170A



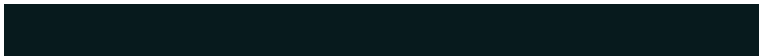
14190D

Triad

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



1A170A



071A1D



1E141B

Complementary

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



1A170A



0A0D1A

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.



19151F



1A170A



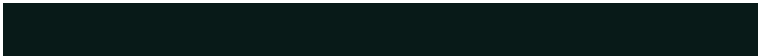
0C1920

Square

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



1A170A



081A18



131721



211316

Rectangle

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



1A170A



0F1911



131721



1D141C

Sweetspot

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



1A170A



21201B



1A0A0D



12110E



919191



121212

Same Dimension

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



1A170A



211D09



151A0A



0D0D0B



4D3E00



CCA600

Inverse Universe

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



0A0D1A



090D21



0F0A1A



0B0C0D



000E4D



0026CC

Previews

White Background



This preview shows how the Hex color 1A170A looks on a white background.

Color Contrast Check

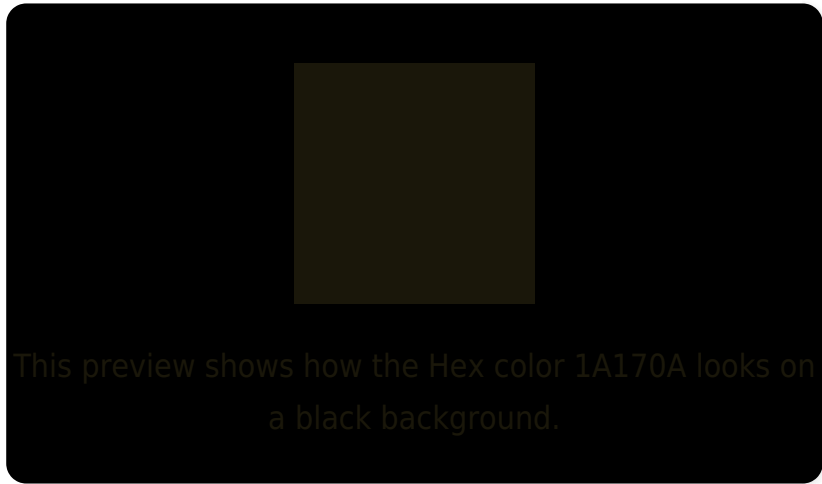
Large Text (above 18pt) WCAG AA ✓ Pass

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

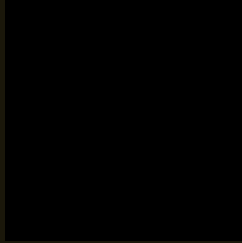
Any Text WCAG AA × Fail

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 1A170A Background



This preview shows how black text looks on a background with the Hex color 1A170A.

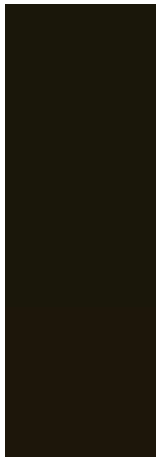


This preview shows how white text looks on a background with the Hex color 1A170A.

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

1A170A

Protanopia

1A170A

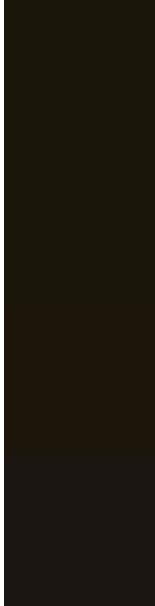
Deuteranopia

1D160A



Tritanopia
1B1617

Trichromacy



Original Color

1A170A

Protanomaly

1A170A

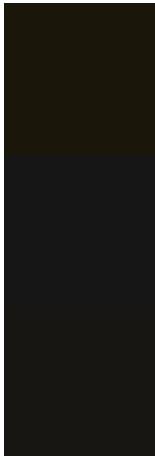
Deuteranomaly

1C160A

Tritanomaly

1B1612

Monochromacy



Original Color

1A170A

Achromatopsia

161616

Achromatomaly

171612

CSS Examples

Text

The CSS property to change the color of the text to Hex 1A170A 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 #1A170A looks like.

```
.text, #text, p{  
    color:#1A170A  
}
```

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 #1A170A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1A170A
}
```

Border

The CSS property to change the border of an element to Hex 1A170A is called "border". The border property can be set on classes, ids or directly on the HTML element.

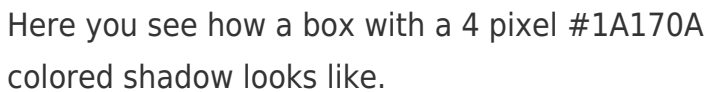
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1A170A }
```

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

```
.border{ border-color:#1A170A }
```

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



Here you see how a box with a 4 pixel #1A170A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1A170A; -webkit-box-shadow:4px 4px  
4px 4px #1A170A; box-shadow:4px 4px 4px  
4px #1A170A }
```

Background

The CSS property to change the background color of an element to Hex 1A170A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1A170A }
```

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

```
.background{ background-color:#1A170A }
```

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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