

Converting Colors

Hex(1A170C)

Have a look what the booklet for
Hex(1A170C) contains.

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Color

Hex(1A170C)

Conversions

Conversions Part 1

Format	Color
Hex	1A170C
RGB	26, 23, 12
RGB Percent	10%, 9%, 5%
CMY	0.8980, 0.9098, 0.9529
CMYK	0.00, 0.12, 0.54, 0.90
HSL	47°, 37%, 7%
HSV	47°, 54%, 10%
XYZ	0.7988, 0.8589, 0.4715
YIQ	22.6430, 5.3190, -2.7850

Conversions

Conversions Part 2

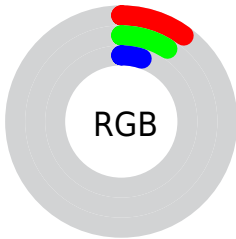
Format	Color
RYB	16, 26, 12
Decimal	1709836
CIELab	7.76, -0.72, 6.63
CIELCh	8, 6.672, 96.220
Yxy	0.8589, 0.3751, 0.4034
Android (android.graphics.Color)	4279899916 (0xFF1A170C)
YUV	22.6430, -5.2470, 2.9441
Hunter-Lab	9.2679, -0.8349, 3.4711

Details

The Hex color **1A170C** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **0C0F1A**, and the grayscale version is **171717**.

A 20% lighter version of the original color is **454137**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **1A1609**, and if you desaturate by 10%, it is **1A180F**.

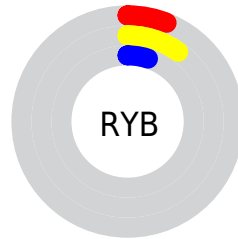
Distribution



Red (10%)

Green (9%)

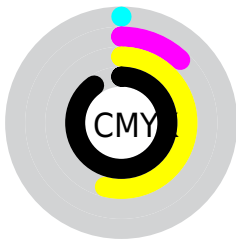
Blue (5%)



Red (6%)

Yellow (10%)

Blue (5%)

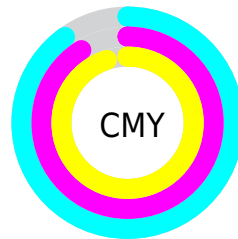


Cyan (0%)

Magenta (12%)

Yellow (54%)

Black (90%)



Cyan (90%)

Magenta (91%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1A170C 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 1A170C by changing the saturation by 10% instead.

■ 1A170C

■ 1A170C

■ FDF8EC

■ 000000

■ 454137

■ 5C594E

■ 757166

■ 8E8B7F

■ A9A599

■ C4C0B4

■ E0DCCF

■ 1A170C

■ 1A170C

■ 1A1609

■ 1A180F

■ 1A1607

■ 1A1811

■ 1A1504

■ 1A1914

■ 1A1502

■ 1A1916

■ 1A1400

■ 1A1A19

■ 1A1A1C

■ 1A1B1E

■ 1A1B21

■ 1A1C23

Harmonies

Analogous

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



1E160D



1A170C



15180E

Triad

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



1A170C



09191C



1E141B

Complementary

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



1A170C



0C0F1A

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.



19161E



1A170C



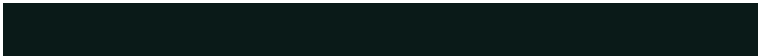
0D191F

Square

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



1A170C



0A1A18



131720



201416

Rectangle

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



1A170C



111911



131720



1C151C

Sweetspot

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



1A170C



21201C



1A0C0F



12110E



919191



121212

Same Dimension

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



1A170C



211D0C



161A0C



0D0C0B



4D3C00



CCA000

Inverse Universe

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



0C0F1A



0C1021



100C1A



0B0C0D



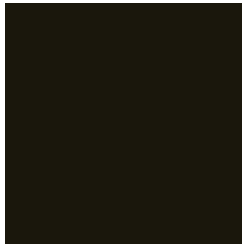
00104D



002CCC

Previews

White Background



This preview shows how the Hex color 1A170C 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

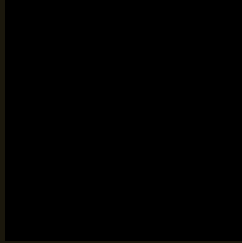
Any Text WCAG AA × Fail

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 1A170C Background



This preview shows how black text looks on a background with the Hex color 1A170C.

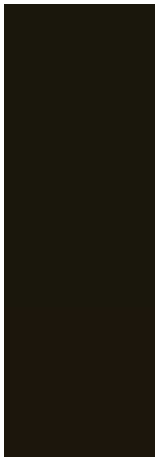


This preview shows how white text looks on a background with the Hex color 1A170C.

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
1A170C

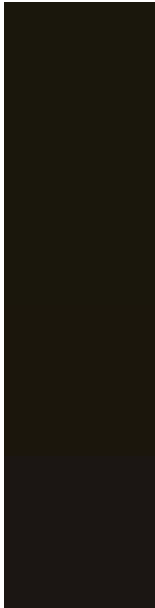
Protanopia
1A170C

Deuteranopia
1C160C



Tritanopia
1B1617

Trichromacy



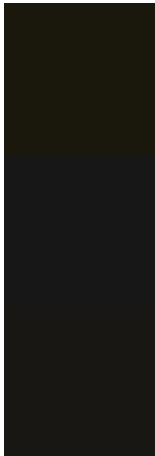
Original Color
1A170C

Protanomaly
1A170C

Deuteranomaly
1B160C

Tritanomaly
1B1613

Monochromacy



Original Color
1A170C

Achromatopsia
171717

Achromatomaly
181713

CSS Examples

Text

The CSS property to change the color of the text to Hex 1A170C 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 #1A170C looks like.

```
.text, #text, p{  
    color:#1A170C  
}
```

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 #1A170C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1A170C
}
```

Border

The CSS property to change the border of an element to Hex 1A170C is called "border". The border property can be set on classes, ids or directly on the HTML element.

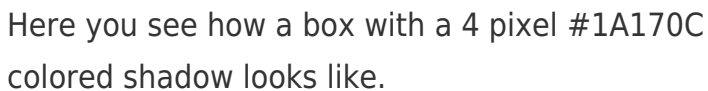
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1A170C }
```

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

```
.border{ border-color:#1A170C }
```

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



Here you see how a box with a 4 pixel #1A170C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1A170C; -webkit-box-shadow:4px 4px  
4px 4px #1A170C; box-shadow:4px 4px 4px  
4px #1A170C }
```

Background

The CSS property to change the background color of an element to Hex 1A170C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1A170C }
```

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

```
.background{ background-color:#1A170C }
```

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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