

Converting Colors

Hex(171111)

Have a look what the booklet for
Hex(171111) contains.

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Color

Hex(171111)

Conversions

Conversions Part 1

Format	Color
Hex	171111
RGB	23, 17, 17
RGB Percent	9%, 7%, 7%
CMY	0.9098, 0.9333, 0.9333
CMYK	0.00, 0.26, 0.26, 0.91
HSL	0°, 15%, 8%
HSV	0°, 26%, 9%
XYZ	0.6550, 0.6235, 0.6161
YIQ	18.7940, 3.5760, 1.2720

Conversions

Conversions Part 2

Format	Color
RYB	23, 17, 17
Decimal	1511697
CIELab	5.63, 2.55, 0.90
CIElCh	6, 2.707, 19.373
Yxy	0.6235, 0.3457, 0.3291
Android (android.graphics.Color)	4279701777 (0xFF171111)
YUV	18.7940, -0.8844, 3.6887
Hunter-Lab	7.8964, 0.9873, 0.9011

Details

The Hex color **171111** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **111717**, and the grayscale version is **131313**.

A 20% lighter version of the original color is **413B3B**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **170F0F**, and if you desaturate by 10%, it is **171313**.

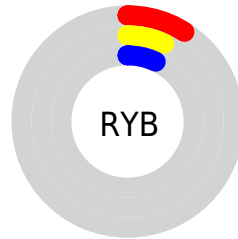
Distribution



Red (9%)

Green (7%)

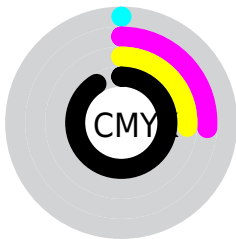
Blue (7%)



Red (9%)

Yellow (7%)

Blue (7%)

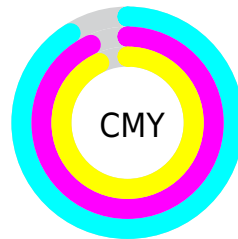


Cyan (0%)

Magenta (26%)

Yellow (26%)

Black (91%)



Cyan (91%)

Magenta (93%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 171111 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 171111 by changing the saturation by 10% instead.

■ 171111

■ 171111

■ F8F1F1

■ 000000

■ 413B3B

■ 595252

■ 716B6B

■ 8B8484

■ A59E9E

■ C0B9B9

■ DCD4D4

■ 171111

■ 171111

■ 170F0F

■ 171313

■ 170C0C

■ 171616

■ 170A0A

■ 171818

■ 170808

■ 171A1A

■ 170606

■ 171C1C

■ 170303

■ 171F1F

■ 170101

■ 172121

■ 170000

■ 172323

■ 172626

Harmonies

Analogous

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



161113



171111



17110F

Triad

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



171111



10130F



0F1316

Complementary

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



171111



111717

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.



0D1315



171111



0E1412

Square

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



171111



13130E



0D1414



121216

Rectangle

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



171111



16120E



0D1414



0F1316

Sweetspot

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



171111



1F1C1C



171117



0F0E0E



8F8F8F



0F0F0F

Same Dimension

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



171111



1F1515



171411



0D0B0B



4D0000



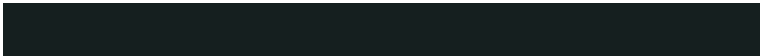
CC0000

Inverse Universe

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



111717



151F1F



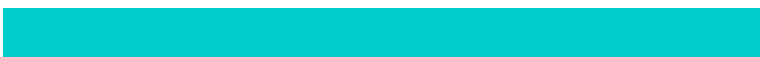
111417



0B0D0D



004D4D



00CCCC

Previews

White Background



This preview shows how the Hex color 171111 looks on a white background.

Color Contrast Check

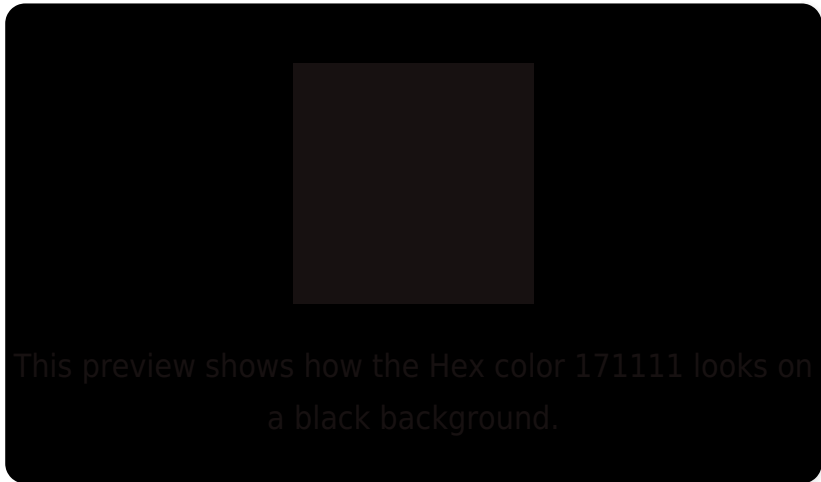
Large Text (above 18pt) WCAG AA ✓ Pass

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

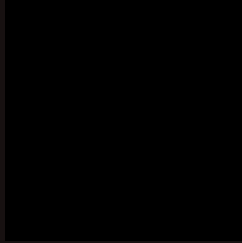
Any Text WCAG AA × Fail

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 171111 Background



This preview shows how black text looks on a background with the Hex color 171111.

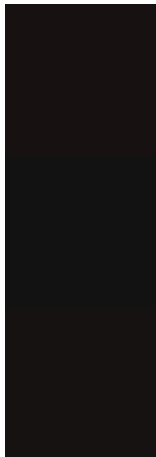


This preview shows how white text looks on a background with the Hex color 171111.

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
171111

Protanopia
131212

Deuteranopia
151211



Tritanopia
171112

Trichromacy



Original Color

171111

Protanomaly

141212

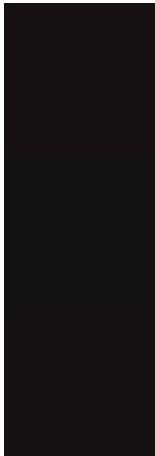
Deuteranomaly

161211

Tritanomaly

171112

Monochromacy



Original Color

171111

Achromatopsia

131313

Achromatomaly

141212

CSS Examples

Text

The CSS property to change the color of the text to Hex 171111 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 #171111 looks like.

```
.text, #text, p{  
    color:#171111  
}
```

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 #171111 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #171111
}
```

Border

The CSS property to change the border of an element to Hex 171111 is called "border". The border property can be set on classes, ids or directly on the HTML element.

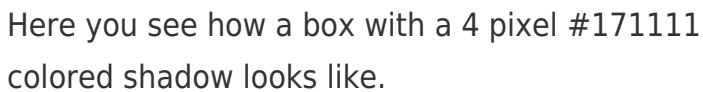
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#171111 }
```

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

```
.border{ border-color:#171111 }
```

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



Here you see how a box with a 4 pixel #171111 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #171111; -webkit-box-shadow:4px 4px  
4px 4px #171111; box-shadow:4px 4px 4px  
4px #171111 }
```

Background

The CSS property to change the background color of an element to Hex 171111 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#171111 }
```

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

```
.background{ background-color:#171111 }
```

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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