

Converting Colors

Hex(181413)

Have a look what the booklet for
Hex(181413) contains.

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Color

Hex(181413)

Conversions

Conversions Part 1

Format	Color
Hex	181413
RGB	24, 20, 19
RGB Percent	9%, 8%, 7%
CMY	0.9059, 0.9216, 0.9255
CMYK	0.00, 0.17, 0.21, 0.91
HSL	12°, 12%, 8%
HSV	12°, 21%, 9%
XYZ	0.7444, 0.7415, 0.7200
YIQ	21.0820, 2.7050, 0.5370

Conversions

Conversions Part 2

Format	Color
RYB	24, 20, 19
Decimal	1578003
CIELab	6.70, 1.62, 1.25
CIElCh	7, 2.048, 37.622
Yxy	0.7415, 0.3375, 0.3362
Android (android.graphics.Color)	4279768083 (0xFF181413)
YUV	21.0820, -1.0264, 2.5591
Hunter-Lab	8.6112, 0.3609, 1.0705

Details

The Hex color **181413** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **131718**, and the grayscale version is **151515**.

A 20% lighter version of the original color is **433E3D**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **181211**, and if you desaturate by 10%, it is **181615**.

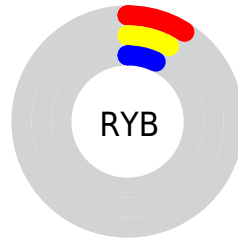
Distribution



Red (9%)

Green (8%)

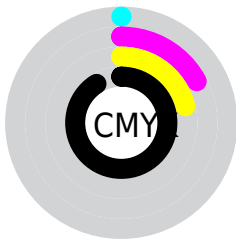
Blue (7%)



Red (9%)

Yellow (8%)

Blue (7%)

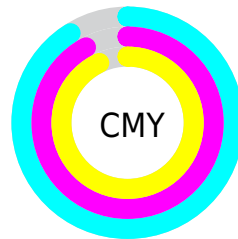


Cyan (0%)

Magenta (17%)

Yellow (21%)

Black (91%)



Cyan (91%)

Magenta (92%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 181413 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 181413 by changing the saturation by 10% instead.

■ 181413

■ 181413

■ FAF4F3

■ 000000

■ 433E3D

■ 5A5554

■ 726E6D

■ 8C8786

■ A6A1A0

■ C1BCBB

■ DDD8D7

■ 181413

■ 181413

■ 181211

■ 181615

■ 18100E

■ 181818

■ 180E0C

■ 181A1A

■ 180C09

■ 181C1D

■ 180A07

■ 181E1F

■ 180805

■ 182021

■ 180702

■ 182124

■ 180500

■ 182326

■ 182529

Harmonies

Analogous

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



181414



181413



171412

Triad

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



181413



121614



141518

Complementary

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



181413



131718

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.



121517



181413



111615

Square

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



181413



141512



111617



161417

Rectangle

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



181413



161512



111617



131518

Sweetspot

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



181413



1F1D1D



181317



0F0E0E



8F8F8F



0F0F0F

Same Dimension

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



181413



1F1817



181613



0D0C0B



4D0F00



CC2900

Inverse Universe

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



131718



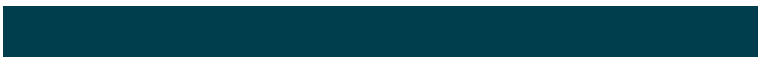
171D1F



131418



0B0C0D



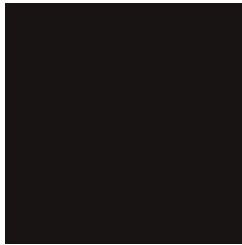
003D4D



00A3CC

Previews

White Background



This preview shows how the Hex color 181413 looks on a white background.

Color Contrast Check

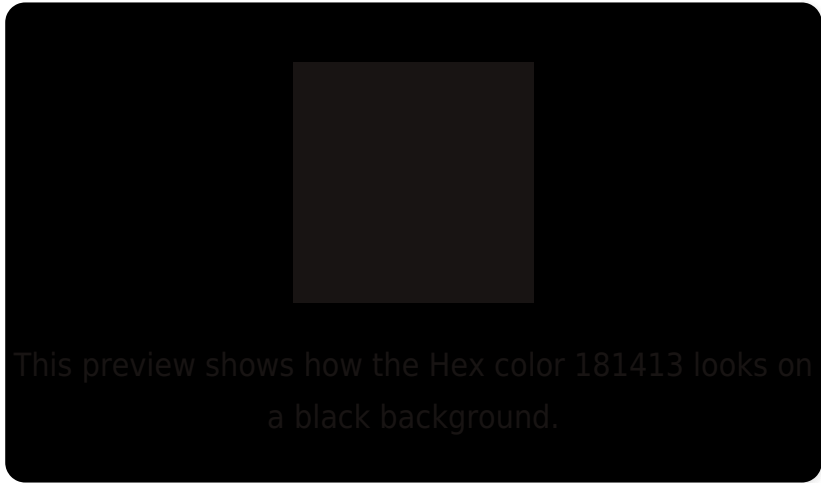
Large Text (above 18pt) WCAG AA ✓ Pass

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

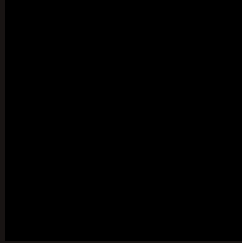
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

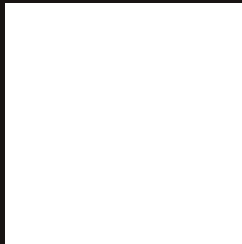
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 181413 Background



This preview shows how black text looks on a background with the Hex color 181413.

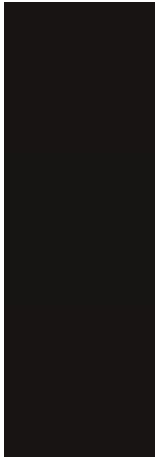


This preview shows how white text looks on a background with the Hex color 181413.

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
181413

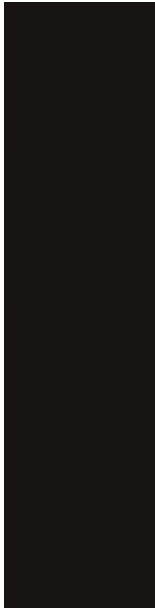
Protanopia
161513

Deuteranopia
181413



Tritanopia
181415

Trichromacy



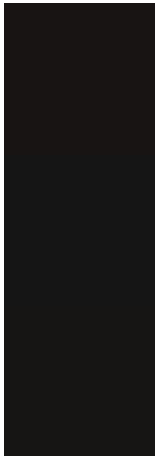
Original Color
181413

Protanomaly
171513

Deuteranomaly
181413

Tritanomaly
181414

Monochromacy



Original Color
181413

Achromatopsia
151515

Achromatomaly
161514

CSS Examples

Text

The CSS property to change the color of the text to Hex 181413 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 #181413 looks like.

```
.text, #text, p{  
    color:#181413  
}
```

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 #181413 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #181413
}
```

Border

The CSS property to change the border of an element to Hex 181413 is called "border". The border property can be set on classes, ids or directly on the HTML element.

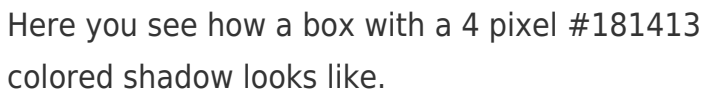
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#181413 }
```

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

```
.border{ border-color:#181413 }
```

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



Here you see how a box with a 4 pixel #181413 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #181413; -webkit-box-shadow:4px 4px  
4px 4px #181413; box-shadow:4px 4px 4px  
4px #181413 }
```

Background

The CSS property to change the background color of an element to Hex 181413 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#181413 }
```

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

```
.background{ background-color:#181413 }
```

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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