

Converting Colors

Hex(141213)

Have a look what the booklet for
Hex(141213) contains.

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Color

Hex(141213)

Conversions

Conversions Part 1

Format	Color
Hex	141213
RGB	20, 18, 19
RGB Percent	8%, 7%, 7%
CMY	0.9216, 0.9294, 0.9255
CMYK	0.00, 0.10, 0.05, 0.92
HSL	330°, 5%, 7%
HSV	330°, 10%, 8%
XYZ	0.6223, 0.6284, 0.7046
YIQ	18.7120, 0.8710, 0.7350

Conversions

Conversions Part 2

Format	Color
RYB	20, 18, 19
Decimal	1315347
CIELab	5.68, 1.03, -0.29
CIELCh	6, 1.069, 344.156
Yxy	0.6284, 0.3183, 0.3214
Android (android.graphics.Color)	4279505427 (0xFF141213)
YUV	18.7120, 0.1420, 1.1296
Hunter-Lab	7.9269, 0.1421, 0.2788

Details

The Hex color **141213** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **121413**, and the grayscale version is **131313**.

A 20% lighter version of the original color is **3E3C3D**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **141012**, and if you desaturate by 10%, it is **141414**.

Distribution



Red (8%)

Green (7%)

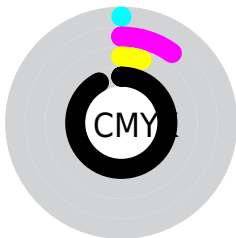
Blue (7%)



Red (8%)

Yellow (7%)

Blue (7%)

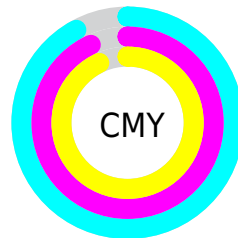


Cyan (0%)

Magenta (10%)

Yellow (5%)

Black (92%)



Cyan (92%)

Magenta (93%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 141213 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 141213 by changing the saturation by 10% instead.

■ 141213

■ 141213

■ F4F2F3

■ 000000

■ 3E3C3D

■ 555354

■ 6E6C6D

■ 878586

■ A19FA0

■ BCBABB

■ D8D6D7

■ 141213

■ 141213

■ 141012

■ 141414

■ 140E11

■ 141615

■ 140C10

■ 141816

■ 140A0F

■ 141A17

■ 14080E

■ 141C18

■ 14060D

■ 141E19

■ 14040C

■ 14201A

■ 14020B

■ 14221B

■ 14000A

■ 14241C

Harmonies

Analogous

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



131214



141213



141212

Triad

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



141213



131311



111314

Complementary

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



141213



121413

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.



101313



141213



121311

Square

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



141213



141211



111312



111314

Rectangle

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



141213



141212



111312



101313

Sweetspot

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



141213



1A1919



131214



0D0C0C



8C8C8C



0D0D0D

Same Dimension

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



141213



1A1618



141212



0A090A



4A0025



C90065

Inverse Universe

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



141213



1A1618



121414



0A090A



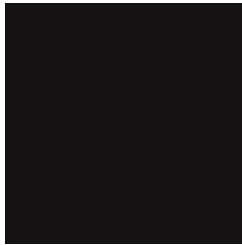
4A0025



C90065

Previews

White Background



This preview shows how the Hex color 141213 looks on a white background.

Color Contrast Check

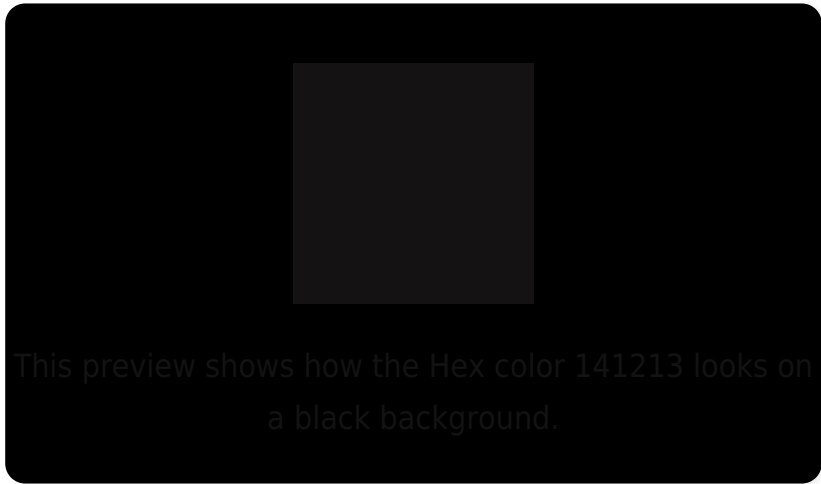
Large Text (above 18pt) WCAG AA ✓ Pass

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

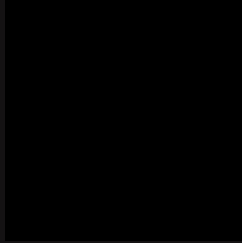
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

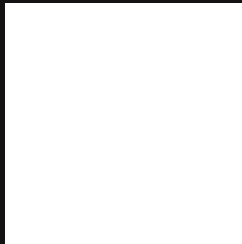
Any Text WCAG AAA × Fail

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

Hex 141213 Background



This preview shows how black text looks on a background with the Hex color 141213.

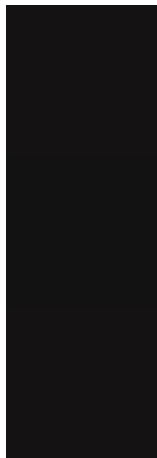


This preview shows how white text looks on a background with the Hex color 141213.

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
141213

Protanopia
131213

Deuteranopia
141213



Tritanopia
141213

Trichromacy



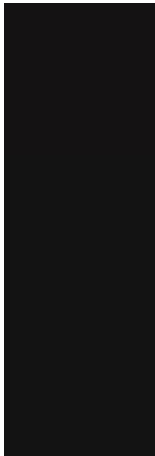
Original Color
141213

Protanomaly
131213

Deuteranomaly
141213

Tritanomaly
141213

Monochromacy



Original Color
141213

Achromatopsia
131313

Achromatomaly
131313

CSS Examples

Text

The CSS property to change the color of the text to Hex 141213 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 #141213 looks like.

```
.text, #text, p{  
    color:#141213  
}
```

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 #141213 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #141213
}
```

Border

The CSS property to change the border of an element to Hex 141213 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
#141213 }
```

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

```
.border{ border-color:#141213 }
```

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

Here you see how a box with a 4 pixel #141213 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #141213; -webkit-box-shadow:4px 4px  
4px 4px #141213; box-shadow:4px 4px 4px  
4px #141213 }
```

Background

The CSS property to change the background color of an element to Hex 141213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#141213 }
```

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

```
.background{ background-color:#141213 }
```

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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