

Converting Colors

Hex(141216)

Have a look what the booklet for
Hex(141216) contains.

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Color

Hex(141216)

Conversions

Conversions Part 1

Format	Color
Hex	141216
RGB	20, 18, 22
RGB Percent	8%, 7%, 9%
CMY	0.9216, 0.9294, 0.9137
CMYK	0.09, 0.18, 0.00, 0.91
HSL	270°, 10%, 8%
HSV	270°, 18%, 9%
XYZ	0.6496, 0.6393, 0.8482
YIQ	19.0540, -0.0920, 1.6680

Conversions

Conversions Part 2

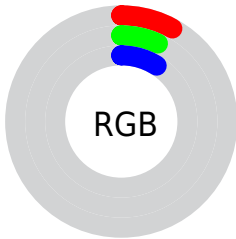
Format	Color
R_YB	20, 18, 22
Decimal	1315350
CIE Lab	5.77, 1.72, -2.18
CIE LCh	6, 2.775, 308.338
Yxy	0.6393, 0.3040, 0.2991
Android (android.graphics.Color)	4279505430 (0xFF141216)
YUV	19.0540, 1.4524, 0.8296
Hunter-Lab	7.9954, 0.5110, -0.6931

Details

The Hex color **141216** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **141612**, and the grayscale version is **131313**.

A 20% lighter version of the original color is **3E3C40**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **131016**, and if you desaturate by 10%, it is **151416**.

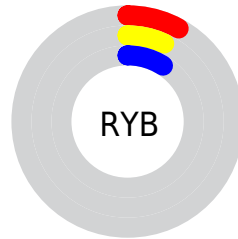
Distribution



Red (8%)

Green (7%)

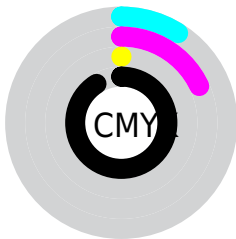
Blue (9%)



Red (8%)

Yellow (7%)

Blue (9%)

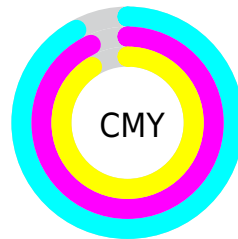


Cyan (9%)

Magenta (18%)

Yellow (0%)

Black (91%)



Cyan (92%)

Magenta (93%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 141216 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 141216 by changing the saturation by 10% instead.

■ 141216

■ 141216

■ F4F2F7

■ 000000

■ 3E3C40

■ 555358

■ 6E6C70

■ 878589

■ A19FA4

■ BCBABF

■ D8D6DB

■ 141216

■ 141216

■ 131016

■ 151416

■ 120E16

■ 161616

■ 110B16

■ 171916

■ 100916

■ 181B16

■ 0F0716

■ 1A1D16

■ 0D0516

■ 1B1F16

■ 0C0316

■ 1C2116

■ 0B0016

■ 1D2416

■ 1E2616

Harmonies

Analogous

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



111317



141216



161114

Triad

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



141216



16120E



0D1413

Complementary

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



141216



141612

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.



0F1411



141216



14130E

Square

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



141216



171210



11130F



0D1415

Rectangle

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



141216



171113



11130F



0E1413

Sweetspot

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



141216



1B1B1C



121416



0F0E0F



8F8F8F



0F0F0F

Same Dimension

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



141216



19161C



161216



0A090A



25004A



6500C9

Inverse Universe

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



161214



1C1619



121612



0A090A



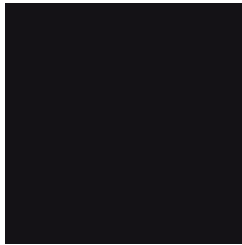
4A0025



C90065

Previews

White Background



This preview shows how the Hex color 141216 looks on a white background.

Color Contrast Check

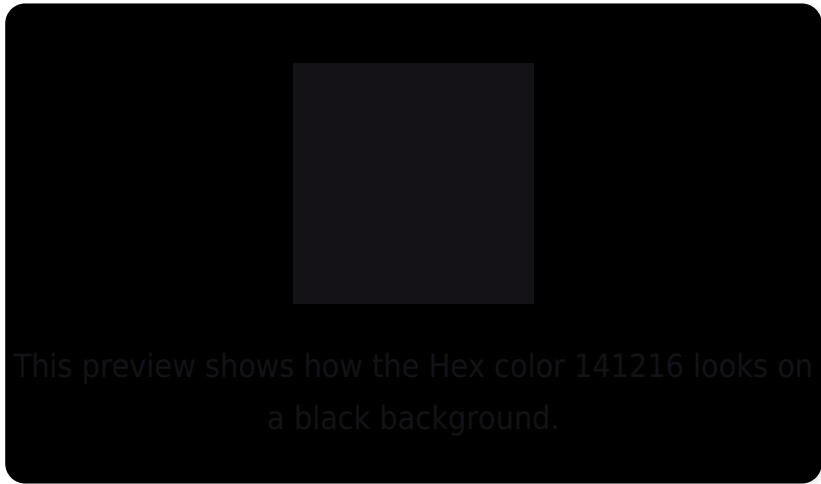
Large Text (above 18pt) WCAG AA ✓ Pass

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

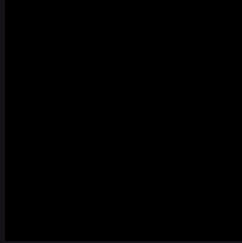
Any Text WCAG AA × Fail

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 141216 Background



This preview shows how black text looks on a background with the Hex color 141216.



This preview shows how white text looks on a background with the Hex color 141216.

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
141216

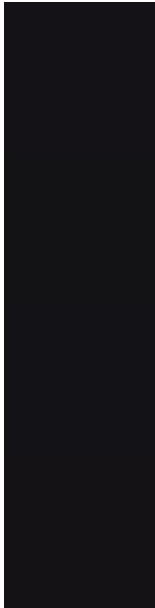
Protanopia
121316

Deuteranopia
131216



Tritanopia
141214

Trichromacy



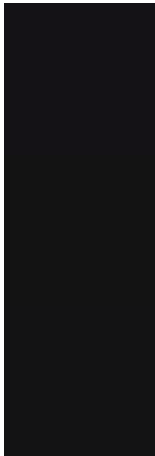
Original Color
141216

Protanomaly
131316

Deuteranomaly
131216

Tritanomaly
141215

Monochromacy



Original Color
141216

Achromatopsia
131313

Achromatomaly
131314

CSS Examples

Text

The CSS property to change the color of the text to Hex 141216 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 #141216 looks like.

```
.text, #text, p{  
    color:#141216  
}
```

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 #141216 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #141216
}
```

Border

The CSS property to change the border of an element to Hex 141216 is called "border". The border property can be set on classes, ids or directly on the HTML element.

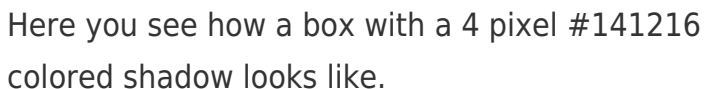
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#141216 }
```

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

```
.border{ border-color:#141216 }
```

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



Here you see how a box with a 4 pixel #141216 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #141216; -webkit-box-shadow:4px 4px  
4px 4px #141216; box-shadow:4px 4px 4px  
4px #141216 }
```

Background

The CSS property to change the background color of an element to Hex 141216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#141216 }
```

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

```
.background{ background-color:#141216 }
```

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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