

Converting Colors

Hex(161216)

Have a look what the booklet for
Hex(161216) contains.

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Color

Hex(161216)

Conversions

Conversions Part 1

Format	Color
Hex	161216
RGB	22, 18, 22
RGB Percent	9%, 7%, 9%
CMY	0.9137, 0.9294, 0.9137
CMYK	0.00, 0.18, 0.00, 0.91
HSL	300°, 10%, 8%
HSV	300°, 18%, 9%
XYZ	0.6920, 0.6611, 0.8502
YIQ	19.6520, 1.1000, 2.0920

Conversions

Conversions Part 2

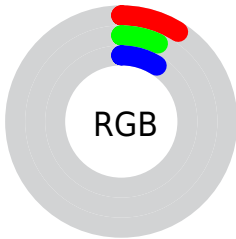
Format	Color
R_{YB}	22, 18, 22
Decimal	1446422
CIE Lab	5.97, 2.61, -1.86
CIE LCh	6, 3.205, 324.425
Yxy	0.6611, 0.3141, 0.3001
Android (android.graphics.Color)	4279636502 (0xFF161216)
YUV	19.6520, 1.1576, 2.0592
Hunter-Lab	8.1309, 0.9627, -0.5079

Details

The Hex color **161216** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **121612**, and the grayscale version is **141414**.

A 20% lighter version of the original color is **403C40**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **161016**, and if you desaturate by 10%, it is **161416**.

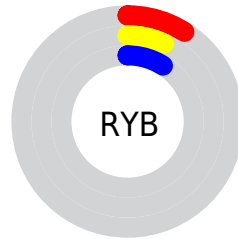
Distribution



Red (9%)

Green (7%)

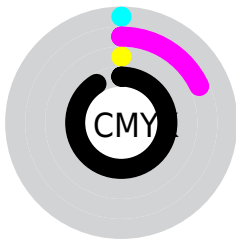
Blue (9%)



Red (9%)

Yellow (7%)

Blue (9%)

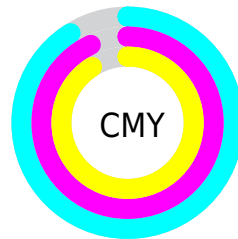


Cyan (0%)

Magenta (18%)

Yellow (0%)

Black (91%)



Cyan (91%)

Magenta (93%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 161216 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 161216 by changing the saturation by 10% instead.

■ 161216

■ 161216

■ F7F2F7

■ 000000

■ 403C40

■ 585358

■ 706C70

■ 898589

■ A49FA4

■ BFBABF

■ DBD6DB

■ 161216

■ 161216

■ 161016

■ 161416

■ 160E16

■ 161616

■ 160B16

■ 161916

■ 160916

■ 161B16

■ 160716

■ 161D16

■ 160516

■ 161F16

■ 160316

■ 162116

■ 160016

■ 162416

■ 162616

Harmonies

Analogous

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



131317



161216



181214

Triad

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



161216



16130E



0C1515

Complementary

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



161216



121612

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.



0D1513



161216



13140E

Square

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



161216



18120F



101410



0E1417

Rectangle

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



161216



181212



101410



0D1514

Sweetspot

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



161216



1C1B1C



121216



0F0E0F



8F8F8F



0F0F0F

Same Dimension

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



161216



1C161C



161214



0A090A



4A004A



C900C9

Inverse Universe

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



161216



1C161C



121614



0A090A



4A004A



C900C9

Previews

White Background



This preview shows how the Hex color 161216 looks on a white background.

Color Contrast Check

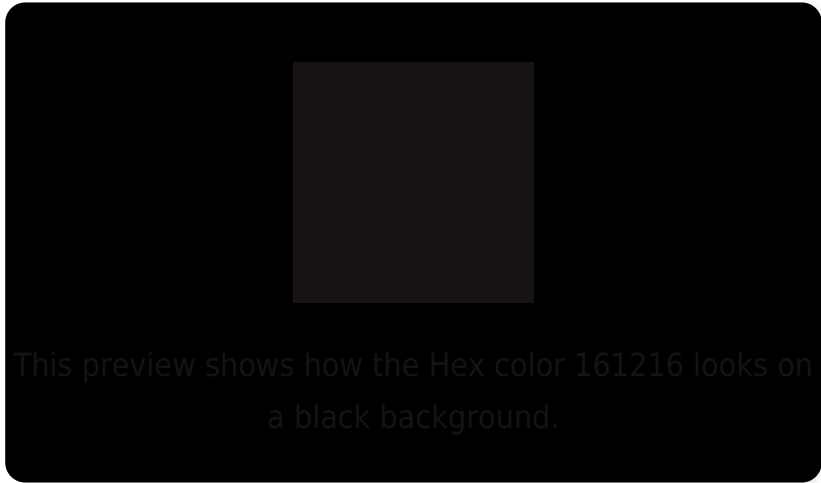
Large Text (above 18pt) WCAG AA ✓ Pass

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

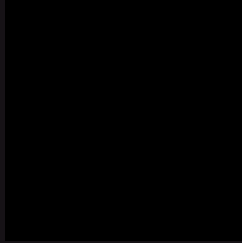
Any Text WCAG AA × Fail

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 161216 Background



This preview shows how black text looks on a background with the Hex color 161216.

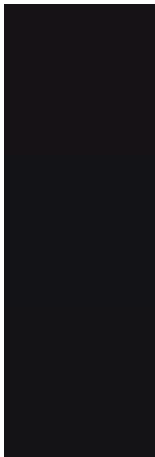


This preview shows how white text looks on a background with the Hex color 161216.

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
161216

Protanopia
131317

Deuteranopia
141316



Tritanopia
161214

Trichromacy



Original Color

161216

Protanomaly

141317

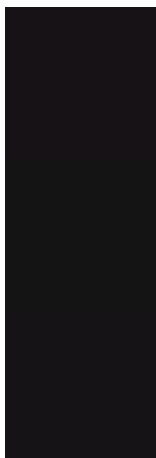
Deuteranomaly

151316

Tritanomaly

161215

Monochromacy



Original Color

161216

Achromatopsia

141414

Achromatomaly

151315

CSS Examples

Text

The CSS property to change the color of the text to Hex 161216 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 #161216 looks like.

```
.text, #text, p{  
    color:#161216  
}
```

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 #161216 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #161216
}
```

Border

The CSS property to change the border of an element to Hex 161216 is called "border". The border property can be set on classes, ids or directly on the HTML element.

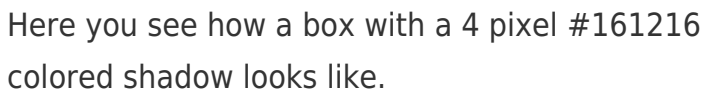
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#161216 }
```

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

```
.border{ border-color:#161216 }
```

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



Here you see how a box with a 4 pixel #161216 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #161216; -webkit-box-shadow:4px 4px  
4px 4px #161216; box-shadow:4px 4px 4px  
4px #161216 }
```

Background

The CSS property to change the background color of an element to Hex 161216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#161216 }
```

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

```
.background{ background-color:#161216 }
```

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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