

Converting Colors

Hex(161307)

Have a look what the booklet for
Hex(161307) contains.

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Color

Hex(161307)

Conversions

Conversions Part 1

Format	Color
Hex	161307
RGB	22, 19, 7
RGB Percent	9%, 7%, 3%
CMY	0.9137, 0.9255, 0.9725
CMYK	0.00, 0.14, 0.68, 0.91
HSL	48°, 52%, 6%
HSV	48°, 68%, 9%
XYZ	0.6021, 0.6517, 0.2951
YIQ	18.5290, 5.6400, -3.0960

Conversions

Conversions Part 2

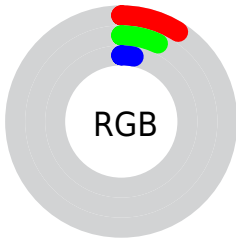
Format	Color
RYB	11, 22, 7
Decimal	1446663
CIELab	5.89, -0.71, 5.93
CIELCh	6, 5.971, 96.810
Yxy	0.6517, 0.3887, 0.4207
Android (android.graphics.Color)	4279636743 (0xFF161307)
YUV	18.5290, -5.6838, 3.0441
Hunter-Lab	8.0725, -0.8133, 3.4837

Details

The Hex color **161307** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **070A16**, and the grayscale version is **131313**.

A 20% lighter version of the original color is **403D34**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **161305**, and if you desaturate by 10%, it is **161309**.

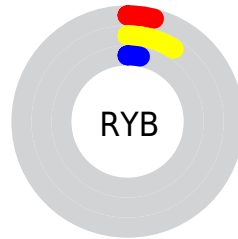
Distribution



Red (9%)

Green (7%)

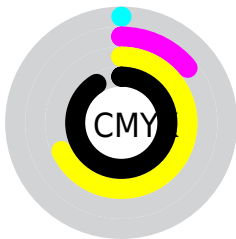
Blue (3%)



Red (4%)

Yellow (9%)

Blue (3%)

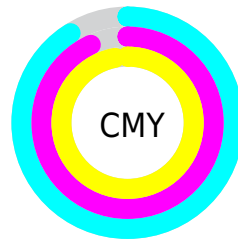


Cyan (0%)

Magenta (14%)

Yellow (68%)

Black (91%)



Cyan (91%)

Magenta (93%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color 161307 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 161307 by changing the saturation by 10% instead.

■ 161307

■ 161307

■ F7F3E8

■ 000000

■ 403D34

■ 57544B

■ 706D63

■ 89867C

■ A3A095

■ BFBBB0

■ DAD7CC

■ 161307

■ 161307

■ 161305

■ 161309

■ 161203

■ 16140B

■ 161200

■ 16140E

■ 161510

■ 161512

■ 161614

■ 161616

■ 161719

■ 16171B

Harmonies

Analogous

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



1A1108



161307



10140A

Triad

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



161307



051518



1A1017

Complementary

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



161307



070A16

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.



15111A



161307



09141A

Square

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



161307



051614



0F131B



1C1012

Rectangle

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



161307



0C150D



0F131B



181118

Sweetspot

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



161307



1C1B16



16070A



0F0F0C



8F8F8F



0F0F0F

Same Dimension

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



161307



1C1705



111607



0A0A09



4A3B00



C9A100

Inverse Universe

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



070A16



050A1C



0C0716



09090A



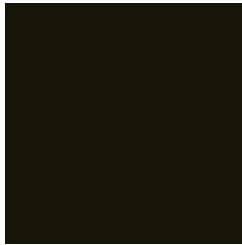
000F4A



0028C9

Previews

White Background



This preview shows how the Hex color 161307 looks on a white background.

Color Contrast Check

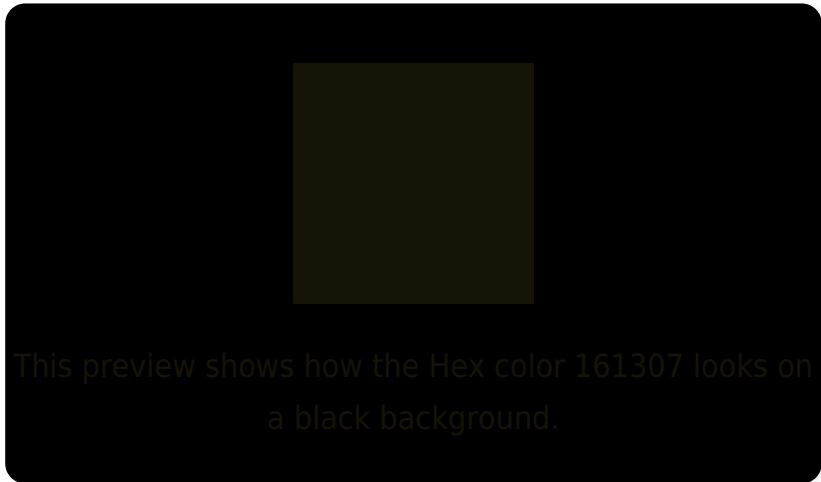
Large Text (above 18pt) WCAG AA ✓ Pass

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

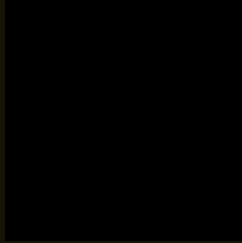
Any Text WCAG AA × Fail

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 161307 Background



This preview shows how black text looks on a background with the Hex color 161307.



This preview shows how white text looks on a background with the Hex color 161307.

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
161307

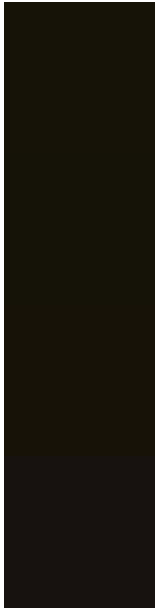
Protanopia
151307

Deuteranopia
181207



Tritanopia
171213

Trichromacy



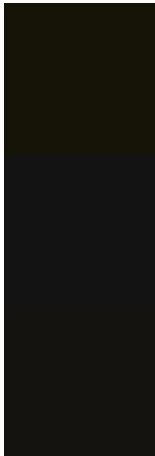
Original Color
161307

Protanomaly
151307

Deuteranomaly
171207

Tritanomaly
17120F

Monochromacy



Original Color
161307

Achromatopsia
131313

Achromatomaly
14130F

CSS Examples

Text

The CSS property to change the color of the text to Hex 161307 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 #161307 looks like.

```
.text, #text, p{  
    color:#161307  
}
```

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 #161307 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #161307
}
```

Border

The CSS property to change the border of an element to Hex 161307 is called "border". The border property can be set on classes, ids or directly on the HTML element.

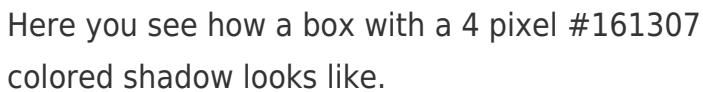
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#161307 }
```

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

```
.border{ border-color:#161307 }
```

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



Here you see how a box with a 4 pixel #161307 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #161307; -webkit-box-shadow:4px 4px  
4px 4px #161307; box-shadow:4px 4px 4px  
4px #161307 }
```

Background

The CSS property to change the background color of an element to Hex 161307 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#161307 }
```

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

```
.background{ background-color:#161307 }
```

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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