

Converting Colors

Hex(16130A)

Have a look what the booklet for
Hex(16130A) contains.

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Color

Hex(16130A)

Conversions

Conversions Part 1

Format	Color
Hex	16130A
RGB	22, 19, 10
RGB Percent	9%, 7%, 4%
CMY	0.9137, 0.9255, 0.9608
CMYK	0.00, 0.14, 0.55, 0.91
HSL	45°, 38%, 6%
HSV	45°, 55%, 9%
XYZ	0.6185, 0.6582, 0.3816
YIQ	18.8710, 4.6770, -2.1630

Conversions

Conversions Part 2

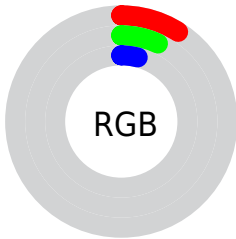
Format	Color
RYB	14, 22, 10
Decimal	1446666
CIELab	5.95, -0.29, 4.79
CIElCh	6, 4.802, 93.470
Yxy	0.6582, 0.3730, 0.3969
Android (android.graphics.Color)	4279636746 (0xFF16130A)
YUV	18.8710, -4.3734, 2.7441
Hunter-Lab	8.1132, -0.5894, 2.8904

Details

The Hex color **16130A** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **0A0D16**, and the grayscale version is **131313**.

A 20% lighter version of the original color is **403D36**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **161208**, and if you desaturate by 10%, it is **16140C**.

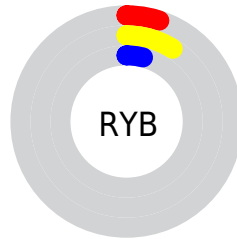
Distribution



 Red (9%)

 Green (7%)

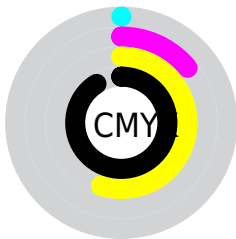
 Blue (4%)




 Red (5%)

 Yellow (9%)

 Blue (4%)

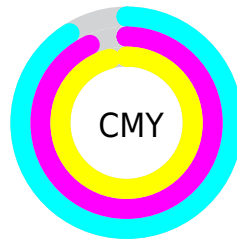


 Cyan (0%)

 Magenta (14%)

 Yellow (55%)

 Black (91%)



 Cyan (91%)

 Magenta (93%)

 Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 16130A 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 16130A by changing the saturation by 10% instead.

■ 16130A

■ 16130A

■ F7F3EA

■ 000000

■ 403D36

■ 57544D

■ 706D65

■ 89867E

■ A3A098

■ BFBBB2

■ DAD7CE

■ 16130A

■ 16130A

■ 161208

■ 16140C

■ 161206

■ 16140E

■ 161103

■ 161511

■ 161101

■ 161513

■ 161000

■ 161615

■ 161617

■ 161719

■ 16171C

■ 16181E

Harmonies

Analogous

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



19120B



16130A



12140C

Triad

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



16130A



081517



181116

Complementary

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



16130A



0A0D16

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.



151219



16130A



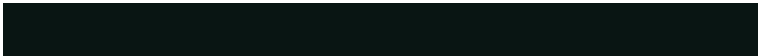
0B1419

Square

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



16130A



091513



10131A



1A1113

Rectangle

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



16130A



0E150E



10131A



171117

Sweetspot

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



16130A



1C1B18



160A0D



0F0F0C



8F8F8F



0F0F0F

Same Dimension

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



16130A



1C170A



13160A



0A0A09



4A3700



C99700

Inverse Universe

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



0A0D16



0A0E1C



0D0A16



09090A



00124A



0032C9

Previews

White Background



This preview shows how the Hex color 16130A 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

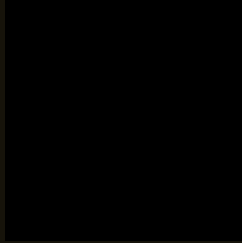
Any Text WCAG AA × Fail

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 16130A Background



This preview shows how black text looks on a background with the Hex color 16130A.



This preview shows how white text looks on a background with the Hex color 16130A.

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
16130A

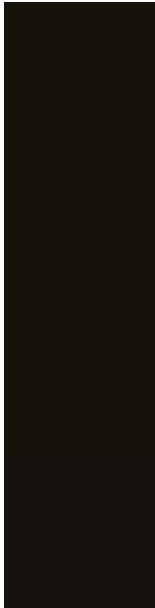
Protanopia
15130A

Deuteranopia
18120A



Tritanopia
171213

Trichromacy



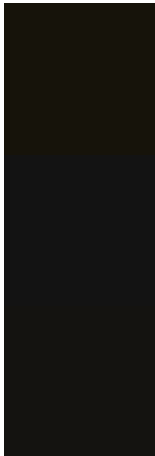
Original Color
16130A

Protanomaly
15130A

Deuteranomaly
17120A

Tritanomaly
171210

Monochromacy



Original Color
16130A

Achromatopsia
131313

Achromatomaly
141310

CSS Examples

Text

The CSS property to change the color of the text to Hex 16130A 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 #16130A looks like.

```
.text, #text, p{  
    color:#16130A  
}
```

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 #16130A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #16130A
}
```

Border

The CSS property to change the border of an element to Hex 16130A is called "border". The border property can be set on classes, ids or directly on the HTML element.

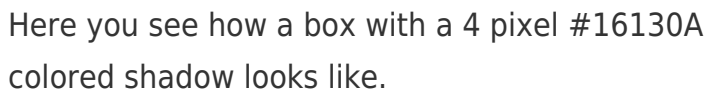
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#16130A }
```

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

```
.border{ border-color:#16130A }
```

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



Here you see how a box with a 4 pixel #16130A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #16130A; -webkit-box-shadow:4px 4px  
4px 4px #16130A; box-shadow:4px 4px 4px  
4px #16130A }
```

Background

The CSS property to change the background color of an element to Hex 16130A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#16130A }
```

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

```
.background{ background-color:#16130A }
```

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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