

Converting Colors

Hex(16120A)

Have a look what the booklet for
Hex(16120A) contains.

Hex(16120A)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(16120A)

Conversions

Conversions Part 1

Format	Color
Hex	16120A
RGB	22, 18, 10
RGB Percent	9%, 7%, 4%
CMY	0.9137, 0.9294, 0.9608
CMYK	0.00, 0.18, 0.55, 0.91
HSL	40°, 38%, 6%
HSV	40°, 55%, 9%
XYZ	0.6020, 0.6251, 0.3761
YIQ	18.2840, 4.9520, -1.6400

Conversions

Conversions Part 2

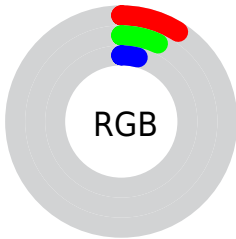
Format	Color
RYB	16, 22, 10
Decimal	1446410
CIELab	5.65, 0.32, 4.36
CIELCh	6, 4.368, 85.788
Yxy	0.6251, 0.3755, 0.3899
Android (android.graphics.Color)	4279636490 (0xFF16120A)
YUV	18.2840, -4.0840, 3.2589
Hunter-Lab	7.9063, -0.2455, 2.7141

Details

The Hex color **16120A** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **0A0E16**, and the grayscale version is **121212**.

A 20% lighter version of the original color is **403C36**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **161108**, and if you desaturate by 10%, it is **16130C**.

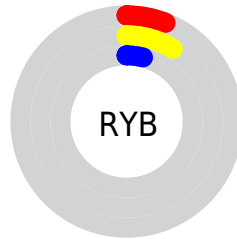
Distribution



Red (9%)

Green (7%)

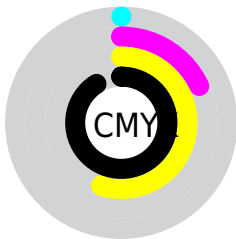
Blue (4%)



Red (6%)

Yellow (9%)

Blue (4%)

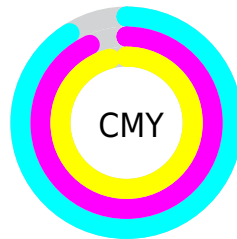


Cyan (0%)

Magenta (18%)

Yellow (55%)

Black (91%)



Cyan (91%)

Magenta (93%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 16120A 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 16120A by changing the saturation by 10% instead.

■ 16120A

■ 16120A

■ F7F2EA

■ 000000

■ 403C36

■ 57534D

■ 706C65

■ 89857E

■ A39F98

■ BFBAB2

■ DAD6CE

■ 16120A

■ 16120A

■ 161108

■ 16130C

■ 161106

■ 16130E

■ 161003

■ 161411

■ 160F01

■ 161513

■ 160F00

■ 161615

■ 161617

■ 161719

■ 16181C

■ 16191E

Harmonies

Analogous

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



19110C



16120A



12130B

Triad

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



16120A



081415



161116

Complementary

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



16120A



0A0E16

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.



131218



16120A



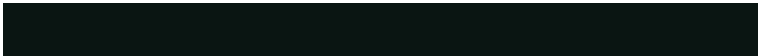
0A1418

Square

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



16120A



0A1512



0E1319



191013

Rectangle

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



16120A



0F140D



0E1319



151117

Sweetspot

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



16120A



1C1B18



160A0E



0F0E0C



8F8F8F



0F0F0F

Same Dimension

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



16120A



1C160A



14160A



0A0A09



4A3100



C98600

Inverse Universe

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



0A0E16



0A101C



0C0A16



090A0A



00194A



0043C9

Previews

White Background



This preview shows how the Hex color 16120A looks on a white background.

Color Contrast Check

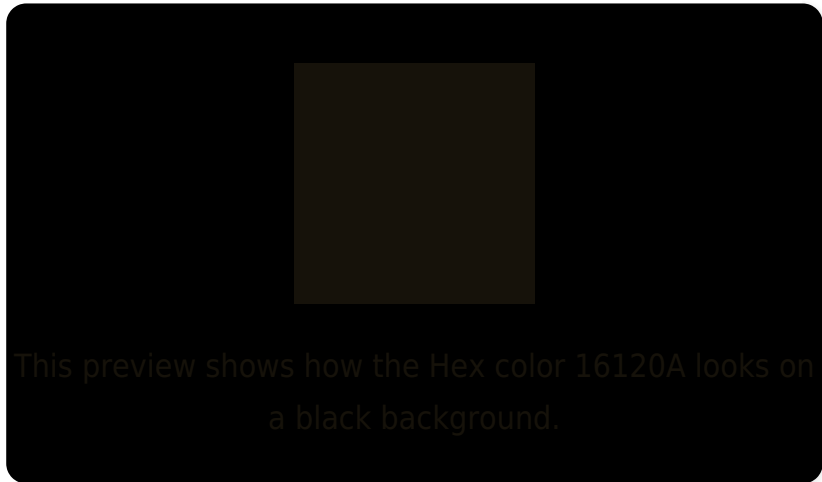
Large Text (above 18pt) WCAG AA ✓ Pass

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

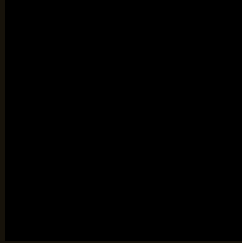
Any Text WCAG AA × Fail

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 16120A Background



This preview shows how black text looks on a background with the Hex color 16120A.

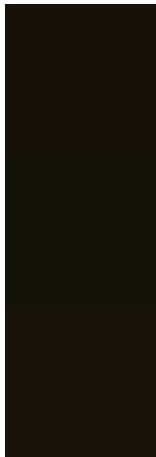


This preview shows how white text looks on a background with the Hex color 16120A.

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
16120A

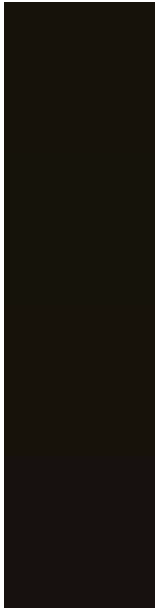
Protanopia
14130A

Deuteranopia
17120A



Tritanopia
171112

Trichromacy



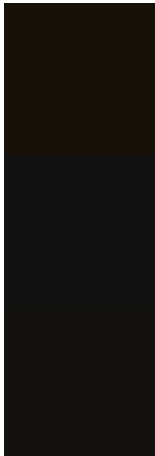
Original Color
16120A

Protanomaly
15130A

Deuteranomaly
17120A

Tritanomaly
17110F

Monochromacy



Original Color
16120A

Achromatopsia
121212

Achromatomaly
13120F

CSS Examples

Text

The CSS property to change the color of the text to Hex 16120A 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 #16120A looks like.

```
.text, #text, p{  
    color:#16120A  
}
```

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 #16120A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #16120A
}
```

Border

The CSS property to change the border of an element to Hex 16120A is called "border". The border property can be set on classes, ids or directly on the HTML element.

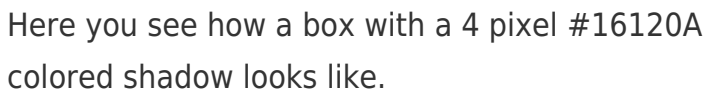
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#16120A }
```

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

```
.border{ border-color:#16120A }
```

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



Here you see how a box with a 4 pixel #16120A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #16120A; -webkit-box-shadow:4px 4px  
4px 4px #16120A; box-shadow:4px 4px 4px  
4px #16120A }
```

Background

The CSS property to change the background color of an element to Hex 16120A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#16120A }
```

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

```
.background{ background-color:#16120A }
```

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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