

Converting Colors

Hex(162A0D)

Have a look what the booklet for
Hex(162A0D) contains.

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Color

Hex(162A0D)

Conversions

Conversions Part 1

Format	Color
Hex	162A0D
RGB	22, 42, 13
RGB Percent	9%, 16%, 5%
CMY	0.9137, 0.8353, 0.9490
CMYK	0.48, 0.00, 0.69, 0.84
HSL	101°, 53%, 11%
HSV	101°, 69%, 16%
XYZ	1.2315, 1.8556, 0.6740
YIQ	32.7140, -2.6110, -13.2590

Conversions

Conversions Part 2

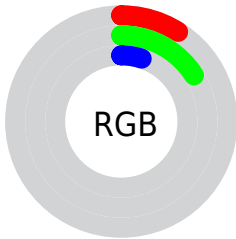
Format	Color
RYB	13, 42, 33
Decimal	1452557
CIELab	14.71, -14.94, 15.72
CIELCh	15, 21.685, 133.532
Yxy	1.8556, 0.3274, 0.4934
Android (android.graphics.Color)	4279642637 (0xFF162A0D)
YUV	32.7140, -9.7190, -9.3962
Hunter-Lab	13.6219, -7.7010, 6.6016

Details

The Hex color **162A0D** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **210D2A**, and the grayscale version is **212121**.

A 20% lighter version of the original color is **425838**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **132A09**, and if you desaturate by 10%, it is **192A11**.

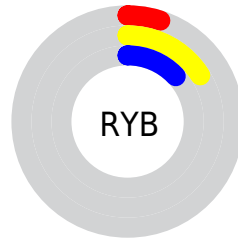
Distribution



Red (9%)

Green (16%)

Blue (5%)



Red (5%)

Yellow (16%)

Blue (13%)

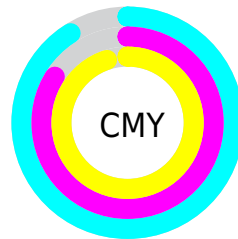


Cyan (48%)

Magenta (0%)

Yellow (69%)

Black (84%)



Cyan (91%)

Magenta (84%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 162A0D 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 162A0D by changing the saturation by 10% instead.

 162A0D

 162A0D

 FBFFED

 001700

 425838

 000000

 5A704F

 738A67


 8CA480

 A7BF9B

 C2DBB5

 DEF7D1

 162A0D

 162A0D

■ 132A09

■ 192A11

■ 102A05

■ 1C2A15

■ 0D2A00

■ 1F2A1A

■ 222A1E

■ 242A22

■ 272A26

■ 2A2A2A

■ 2D2A2F

■ 302A33

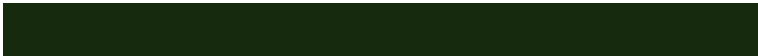
Harmonies

Analogous

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



282601



162A0D



002C1C

Triad

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



162A0D



002942



41171F

Complementary

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



162A0D



210D2A

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.



3D192E



162A0D



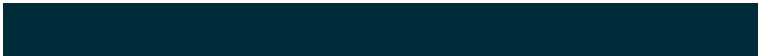
162443

Square

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



162A0D



002C3A



2F1E3B



3E1B10

Rectangle

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



162A0D



002C26



2F1E3B



411724

Sweetspot

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



162A0D



2E362A



2A210D



171C15



9C9C9C



1C1C1C

Same Dimension

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



162A0D



173609



0D2A12



131412



1A5400



42D400

Inverse Universe

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



210D2A



280936



2A0D25



141214



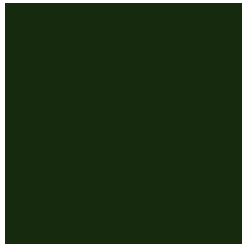
3A0054



9200D4

Previews

White Background



This preview shows how the Hex color 162A0D looks on a white background.

Color Contrast Check

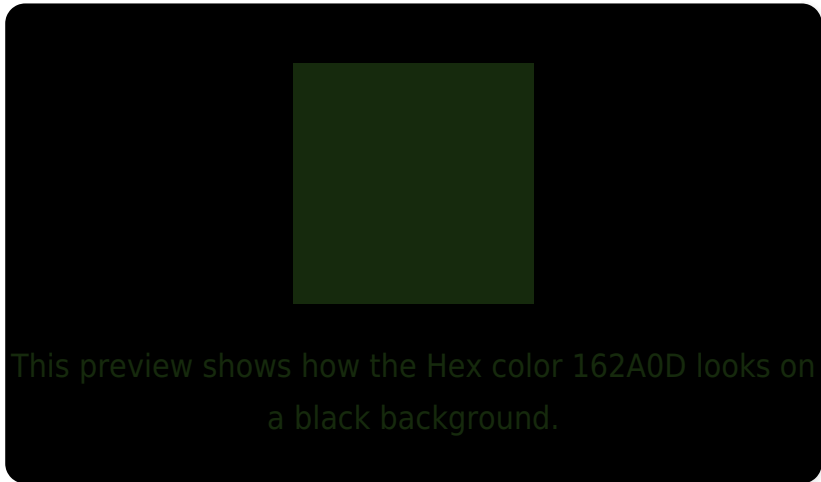
Large Text (above 18pt) WCAG AA ✓ Pass

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

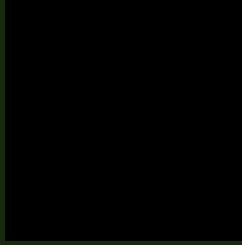
Any Text WCAG AA × Fail

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 162A0D Background



This preview shows how black text looks on a background with the Hex color 162A0D.



This preview shows how white text looks on a background with the Hex color 162A0D.

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
162A0D

Protanopia
2A250C

Deuteranopia
2E230F



Tritanopia
1B272A

Trichromacy



Original Color

162A0D

Protanomaly

23270C

Deuteranomaly

25260E

Tritanomaly

19281F

Monochromacy



Original Color

162A0D

Achromatopsia

212121

Achromatomaly

1D241A

CSS Examples

Text

The CSS property to change the color of the text to Hex 162A0D 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 #162A0D looks like.

```
.text, #text, p{  
    color:#162A0D  
}
```

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 #162A0D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #162A0D
}
```

Border

The CSS property to change the border of an element to Hex 162A0D 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".

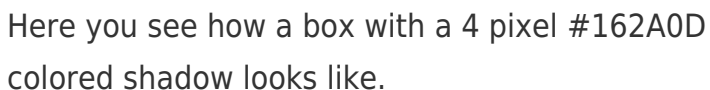
```
.border, #border, table{ border:4px solid
#162A0D }
```

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

```
.border{ border-color:#162A0D }
```

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

Here you see how a box with a 4 pixel #162A0D colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #162A0D; -webkit-box-shadow:4px 4px  
4px 4px #162A0D; box-shadow:4px 4px 4px  
4px #162A0D }
```

Background

The CSS property to change the background color of an element to Hex 162A0D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#162A0D }
```

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

```
.background{ background-color:#162A0D }
```

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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