

Converting Colors

Hex(162E16)

Have a look what the booklet for
Hex(162E16) contains.

Hex(162E16)	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(162E16)

Conversions

Conversions Part 1

Format	Color
Hex	162E16
RGB	22, 46, 22
RGB Percent	9%, 18%, 9%
CMY	0.9137, 0.8196, 0.9137
CMYK	0.52, 0.00, 0.52, 0.82
HSL	120°, 35%, 13%
HSV	120°, 52%, 18%
XYZ	1.4527, 2.1825, 1.1038
YIQ	36.0880, -6.6000, -12.5520

Conversions

Conversions Part 2

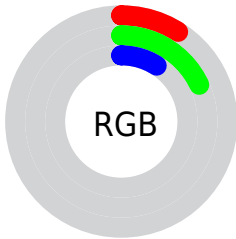
Format	Color
R_{YB}	22, 46, 46
Decimal	1453590
CIE _{Lab}	16.42, -15.65, 12.61
CIE _{LCh}	16, 20.093, 141.138
Yxy	2.1825, 0.3065, 0.4605
Android (android.graphics.Color)	4279643670 (0xFF162E16)
YUV	36.0880, -6.9454, -12.3552
Hunter-Lab	14.7733, -8.3009, 5.9115

Details

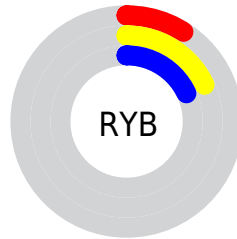
The Hex color **162E16** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **2E162E**, and the grayscale version is **242424**.

A 20% lighter version of the original color is **435C41**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **112E11**, and if you desaturate by 10%, it is **1B2E1B**.

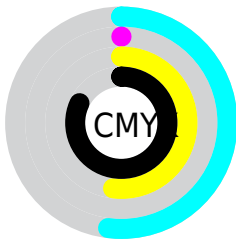
Distribution



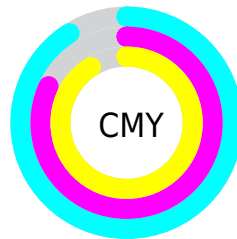
- Red (9%)
- Green (18%)
- Blue (9%)



- Red (9%)
- Yellow (18%)
- Blue (18%)



- Cyan (52%)
- Magenta (0%)
- Yellow (52%)
- Black (82%)




- Cyan (91%)
- Magenta (82%)
- Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 162E16 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 162E16 by changing the saturation by 10% instead.

 162E16

 162E16

 FCFFF8

 001A00

 435C41

 000000

 5A7558

 738E71

 8DA98A

 A8C4A5

 C3E0C0

 DFFDDC

 162E16

 162E16

■ 112E11

■ 1B2E1B

■ 0D2E0D

■ 1F2E1F

■ 082E08

■ 242E24

■ 042E04

■ 282E28

■ 002E00

■ 2D2E2D

■ 322E32

■ 362E36

■ 3B2E3B

■ 3F2E3F

Harmonies

Analogous

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



272B0C



162E16



003024

Triad

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



162E16



002B45



431D1F

Complementary

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



162E16



2E162E

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.



411D2E



162E16



232743

Square

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



162E16



002F3F



36213B



3F2113

Rectangle

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



162E16



00302E



36213B



431C24

Sweetspot

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



162E16



313B31



2E2E16



191F19



9E9E9E



1F1F1F

Same Dimension

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



162E16



163B16



162E22



151715



005700



00D600

Inverse Universe

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



2E162E



3B163B



2E1622



171517



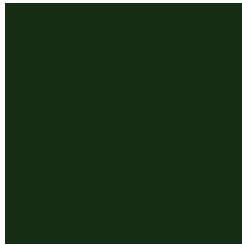
570057



D600D6

Previews

White Background



This preview shows how the Hex color 162E16 looks on a white background.

Color Contrast Check

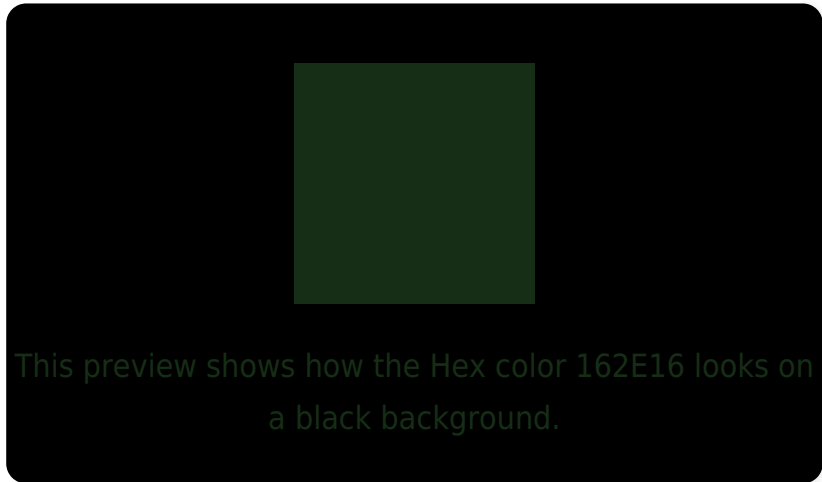
Large Text (above 18pt) WCAG AA ✓ Pass

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

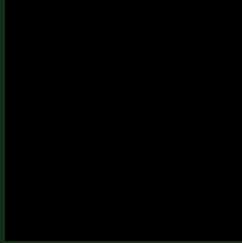
Any Text WCAG AA × Fail

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 162E16 Background



This preview shows how black text looks on a background with the Hex color 162E16.



This preview shows how white text looks on a background with the Hex color 162E16.

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
162E16

Protanopia
2D2914

Deuteranopia
312718



Tritanopia
1B2B2F

Trichromacy



Original Color
162E16

Protanomaly
252B15

Deuteranomaly
272A17

Tritanomaly
192C26

Monochromacy



Original Color
162E16

Achromatopsia
242424

Achromatomaly
1F281F

CSS Examples

Text

The CSS property to change the color of the text to Hex 162E16 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 #162E16 looks like.

```
.text, #text, p{  
    color:#162E16  
}
```

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 #162E16 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #162E16  
}
```

Border

The CSS property to change the border of an element to Hex 162E16 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  
#162E16 }
```

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

```
.border{ border-color:#162E16 }
```

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

Here you see how a box with a 4 pixel #162E16 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #162E16; -webkit-box-shadow:4px 4px  
4px 4px #162E16; box-shadow:4px 4px 4px  
4px #162E16 }
```

Background

The CSS property to change the background color of an element to Hex 162E16 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#162E16 }
```

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

```
.background{ background-color:#162E16 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor