

Converting Colors

Hex(162E2B)

Have a look what the booklet for
Hex(162E2B) contains.

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Color

Hex(162E2B)

Conversions

Conversions Part 1

Format	Color
Hex	162E2B
RGB	22, 46, 43
RGB Percent	9%, 18%, 17%
CMY	0.9137, 0.8196, 0.8314
CMYK	0.52, 0.00, 0.07, 0.82
HSL	172°, 35%, 13%
HSV	172°, 52%, 18%
XYZ	1.7439, 2.2990, 2.6373
YIQ	38.4820, -13.3410, -6.0210

Conversions

Conversions Part 2

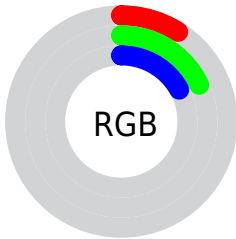
Format	Color
RYB	22, 35, 46
Decimal	1453611
CIELab	16.98, -10.30, -1.00
CIELCh	17, 10.345, 185.537
Yxy	2.2990, 0.2611, 0.3441
Android (android.graphics.Color)	4279643691 (0xFF162E2B)
YUV	38.4820, 2.2274, -14.4547
Hunter-Lab	15.1624, -6.0038, 0.3008

Details

The Hex color **162E2B** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **2E1619**, and the grayscale version is **262626**.

A 20% lighter version of the original color is **435C58**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **112E2A**, and if you desaturate by 10%, it is **1B2E2C**.

Distribution



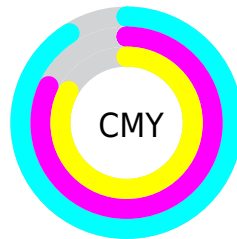
- Red (9%)
- Green (18%)
- Blue (17%)



- Red (9%)
- Yellow (14%)
- Blue (18%)



- Cyan (52%)
- Magenta (0%)
- Yellow (7%)
- Black (82%)



- Cyan (91%)
- Magenta (82%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 162E2B 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 162E2B by changing the saturation by 10% instead.

 162E2B

 162E2B

 FCFFFF

 001A17

 435C58

 000000

 5B7571

 738E8A

 8DA9A4

 A8C4C0

 C3E0DB

 DFFCF8

 162E2B

 162E2B

■ 112E2A

■ 1B2E2C

■ 0D2E2A

■ 1F2E2C

■ 082E29

■ 242E2D

■ 042E29

■ 282E2D

■ 002E28

■ 2D2E2E

■ 322E2E

■ 362E2F

■ 3B2E30

■ 3F2E30

Harmonies

Analogous

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



1D2D23



162E2B



132E32

Triad

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



162E2B



2D2736



34271D

Complementary

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



162E2B



2E1619

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.



382522



162E2B



352530

Square

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



162E2B



232A38



382429



2E2A1B

Rectangle

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



162E2B



162D36



382429



36271E

Sweetspot

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



162E2B



313B39



192E16



191F1E



9E9E9E



1F1F1F

Same Dimension

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



162E2B



163B36



16252E



151717



00574C



00D6BB

Inverse Universe

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



2E1619



3B161A



2E1F16



171515



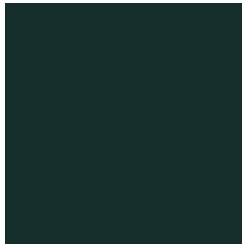
57000B



D6001B

Previews

White Background



This preview shows how the Hex color 162E2B looks on a white background.

Color Contrast Check

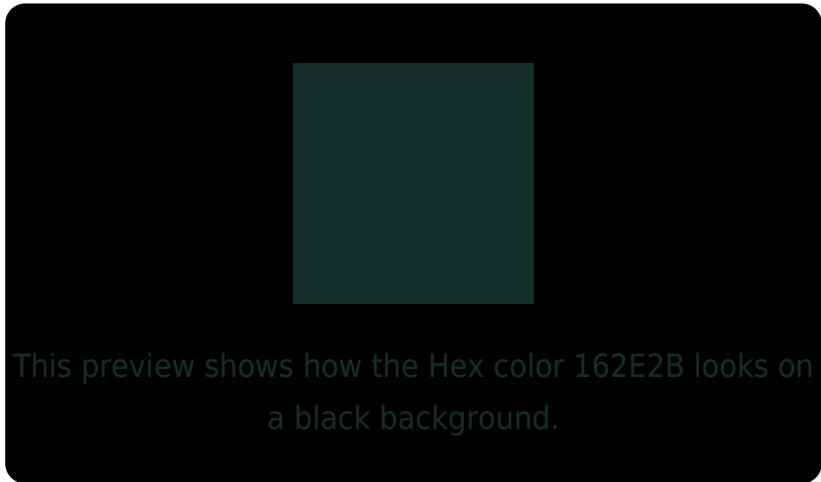
Large Text (above 18pt) WCAG AA ✓ Pass

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

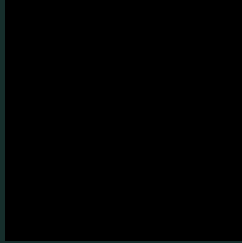
Any Text WCAG AA × Fail

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 162E2B Background



This preview shows how black text looks on a background with the Hex color 162E2B.



This preview shows how white text looks on a background with the Hex color 162E2B.

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
162E2B

Protanopia
2B2A29

Deuteranopia
2D292C



Tritanopia
182D31

Trichromacy



Original Color
162E2B

Protanomaly
232B2A

Deuteranomaly
252B2C

Tritanomaly
172D2F

Monochromacy



Original Color
162E2B

Achromatopsia
262626

Achromatomaly
202928

CSS Examples

Text

The CSS property to change the color of the text to Hex 162E2B 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 #162E2B looks like.

```
.text, #text, p{  
    color:#162E2B  
}
```

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 #162E2B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #162E2B
}
```

Border

The CSS property to change the border of an element to Hex 162E2B 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
#162E2B }
```

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

```
.border{ border-color:#162E2B }
```

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

Here you see how a box with a 4 pixel #162E2B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #162E2B; -webkit-box-shadow:4px 4px  
4px 4px #162E2B; box-shadow:4px 4px 4px  
4px #162E2B }
```

Background

The CSS property to change the background color of an element to Hex 162E2B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#162E2B }
```

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

```
.background{ background-color:#162E2B }
```

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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