

Converting Colors

Hex(162C38)

Have a look what the booklet for
Hex(162C38) contains.

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Color

Hex(162C38)

Conversions

Conversions Part 1

Format	Color
Hex	162C38
RGB	22, 44, 56
RGB Percent	9%, 17%, 22%
CMY	0.9137, 0.8275, 0.7804
CMYK	0.61, 0.21, 0.00, 0.78
HSL	201°, 44%, 15%
HSV	201°, 61%, 22%
XYZ	1.9454, 2.2575, 4.0746
YIQ	38.7900, -16.9640, -0.9320

Conversions

Conversions Part 2

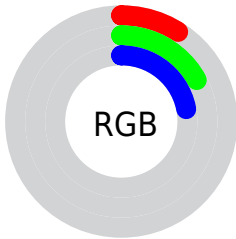
Format	Color
RYB	22, 35, 56
Decimal	1453112
CIELab	16.78, -4.54, -10.37
CIELCh	17, 11.323, 246.355
Yxy	2.2575, 0.2350, 0.2727
Android (android.graphics.Color)	4279643192 (0xFF162C38)
YUV	38.7900, 8.4845, -14.7248
Hunter-Lab	15.0248, -3.1819, -5.5614

Details

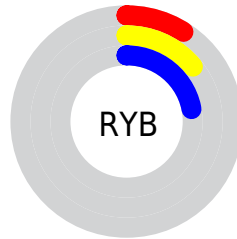
The Hex color **162C38** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **382216**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **445967**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **102A38**, and if you desaturate by 10%, it is **1C2E38**.

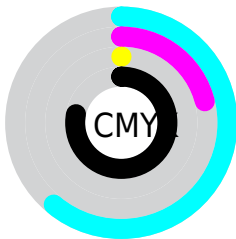
Distribution



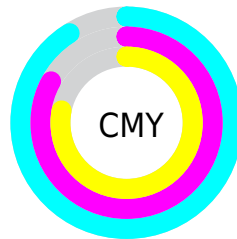
- Red (9%)
- Green (17%)
- Blue (22%)



- Red (9%)
- Yellow (14%)
- Blue (22%)



- Cyan (61%)
- Magenta (21%)
- Yellow (0%)
- Black (78%)



- Cyan (91%)
- Magenta (83%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 162C38 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 162C38 by changing the saturation by 10% instead.

■ 162C38

■ 162C38

FEFFFF

■ 001823

■ 445967

■ 00000C

■ 5C7280

■ 000000

■ 758B9A

■ 8FA6B5

■ AAC1D0

■ C5DDED

■ E1F9FF

■ 162C38

■ 162C38

■ 102A38

■ 1C2E38

■ 0B2838

■ 213038

■ 052638

■ 273238

■ 002438

■ 2C3438

■ 323638

■ 383838

■ 3D3A38

■ 433C38

■ 483E38

Harmonies

Analogous

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



102D33



162C38



212A39

Triad

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



162C38



392328



252C1C

Complementary

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



162C38



382216

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.



2D2919



162C38



392420

Square

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



162C38



352430



35271B



1B2D23

Rectangle

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



162C38



292838



35271B



282B1B

Sweetspot

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



162C38



3D454A



163822



1E2326



A6A6A6



262626

Same Dimension

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



162C38



14374A



161B38



191B1C



003B5C



008EDB

Inverse Universe

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



38162C



4A1437



383316



1C191B



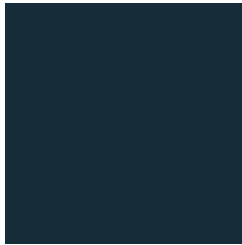
5C003B



DB008E

Previews

White Background



This preview shows how the Hex color 162C38 looks on a white background.

Color Contrast Check

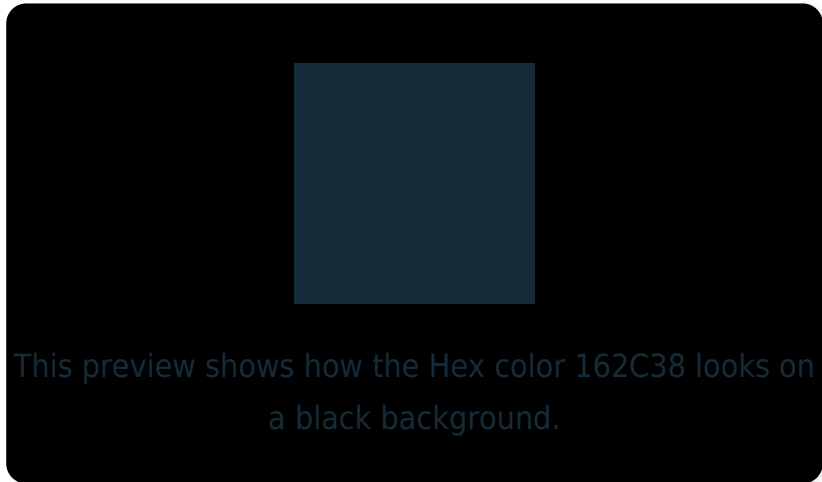
Large Text (above 18pt) WCAG AA ✓ Pass

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

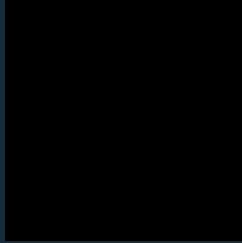
Any Text WCAG AA × Fail

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 162C38 Background



This preview shows how black text looks on a background with the Hex color 162C38.



This preview shows how white text looks on a background with the Hex color 162C38.

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
162C38

Protanopia
262936

Deuteranopia
252939



Tritanopia
132D31

Trichromacy



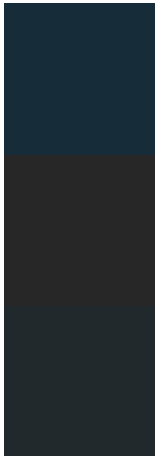
Original Color
162C38

Protanomaly
202A37

Deuteranomaly
202A39

Tritanomaly
142D34

Monochromacy



Original Color
162C38

Achromatopsia
272727

Achromatomaly
21292D

CSS Examples

Text

The CSS property to change the color of the text to Hex 162C38 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 #162C38 looks like.

```
.text, #text, p{  
    color:#162C38  
}
```

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 #162C38 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #162C38
}
```

Border

The CSS property to change the border of an element to Hex 162C38 is called "border". The border property can be set on classes, ids or directly on the HTML element.

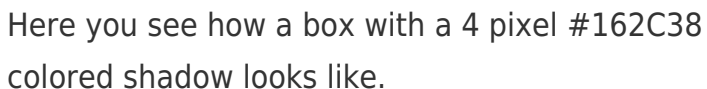
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#162C38 }
```

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

```
.border{ border-color:#162C38 }
```

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



Here you see how a box with a 4 pixel #162C38 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #162C38; -webkit-box-shadow:4px 4px  
4px 4px #162C38; box-shadow:4px 4px 4px  
4px #162C38 }
```

Background

The CSS property to change the background color of an element to Hex 162C38 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#162C38 }
```

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

```
.background{ background-color:#162C38 }
```

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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