

Converting Colors

Hex(162038)

Have a look what the booklet for
Hex(162038) contains.

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Color

Hex(162038)

Conversions

Conversions Part 1

Format	Color
Hex	162038
RGB	22, 32, 56
RGB Percent	9%, 13%, 22%
CMY	0.9137, 0.8745, 0.7804
CMYK	0.61, 0.43, 0.00, 0.78
HSL	222°, 44%, 15%
HSV	222°, 61%, 22%
XYZ	1.5612, 1.4891, 3.9465
YIQ	31.7460, -13.6640, 5.3440

Conversions

Conversions Part 2

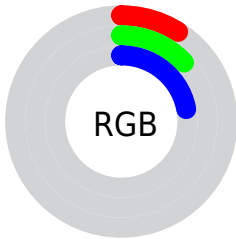
Format	Color
RYB	22, 30, 56
Decimal	1450040
CIELab	12.54, 4.09, -16.98
CIELCh	13, 17.469, 283.532
Yxy	1.4891, 0.2231, 0.2128
Android (android.graphics.Color)	4279640120 (0xFF162038)
YUV	31.7460, 11.9572, -8.5472
Hunter-Lab	12.2030, 1.4814, -10.6328

Details

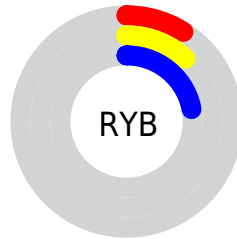
The Hex color **162038** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **382E16**, and the grayscale version is **202020**.

A 20% lighter version of the original color is **444C67**, and **00000A** is the 20% darker color. If you saturate the color by 10%, you get **101C38**, and if you desaturate by 10%, it is **1C2438**.

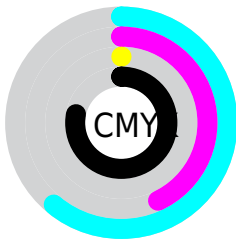
Distribution



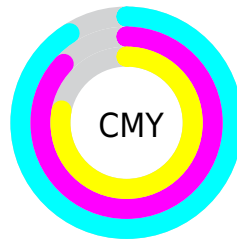
- Red (9%)
- Green (13%)
- Blue (22%)



- Red (9%)
- Yellow (12%)
- Blue (22%)



- Cyan (61%)
- Magenta (43%)
- Yellow (0%)
- Black (78%)



- Cyan (91%)
- Magenta (87%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 162038 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 162038 by changing the saturation by 10% instead.

■ 162038

■ 162038

FEFFFF

■ 000823

■ 444C67

■ 00000A

■ 5C6480

■ 000000

■ 757C9A

■ 8F96B5

■ A9B1D1

■ C5CCED

■ E1E8FF

■ 162038

■ 162038

■ 101C38

■ 1C2438

■ 0B1838

■ 212838

■ 051438

■ 272C38

■ 001038

■ 2C3038

■ 323438

■ 383838

■ 3D3C38

■ 434038

■ 484438

Harmonies

Analogous

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



002438



162038



291B32

Triad

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



162038



351910



032619

Complementary

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



162038



382E16

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.



15250D



162038



2E1E05

Square

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



162038



37161C



232204



002726

Rectangle

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



162038



31182C



232204



092615

Sweetspot

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



162038



3D414A



16382E



1E2026



A6A6A6



262626

Same Dimension

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



162038



14244A



1D1638



191A1C



001B5C



0040DB

Inverse Universe

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



381620



4A1424



313816



1C191A



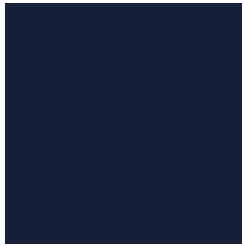
5C001B



DB0040

Previews

White Background



This preview shows how the Hex color 162038 looks on a white background.

Color Contrast Check

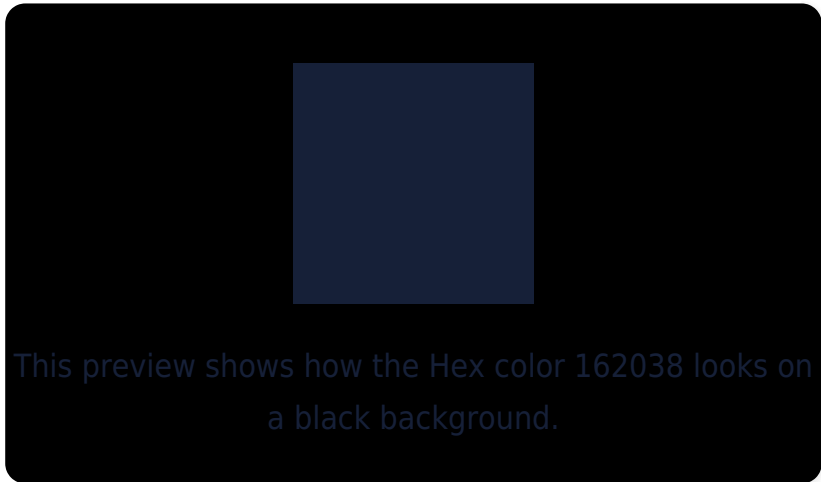
Large Text (above 18pt) WCAG AA ✓ Pass

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

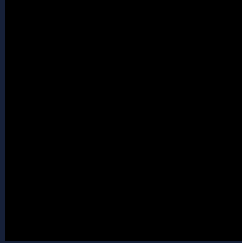
Any Text WCAG AA × Fail

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 162038 Background



This preview shows how black text looks on a background with the Hex color 162038.



This preview shows how white text looks on a background with the Hex color 162038.

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
162038

Protanopia
162038

Deuteranopia
102138



Tritanopia
0E2427

Trichromacy



Original Color
162038

Protanomaly
162038

Deuteranomaly
122138

Tritanomaly
11232D

Monochromacy



Original Color
162038

Achromatopsia
202020

Achromatomaly
1C2029

CSS Examples

Text

The CSS property to change the color of the text to Hex 162038 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 #162038 looks like.

```
.text, #text, p{  
    color:#162038  
}
```

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 #162038 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #162038
}
```

Border

The CSS property to change the border of an element to Hex 162038 is called "border". The border property can be set on classes, ids or directly on the HTML element.

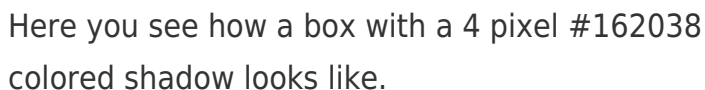
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#162038 }
```

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

```
.border{ border-color:#162038 }
```

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



Here you see how a box with a 4 pixel #162038 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #162038; -webkit-box-shadow:4px 4px  
4px 4px #162038; box-shadow:4px 4px 4px  
4px #162038 }
```

Background

The CSS property to change the background color of an element to Hex 162038 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#162038 }
```

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

```
.background{ background-color:#162038 }
```

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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