

Converting Colors

Hex(162339)

Have a look what the booklet for
Hex(162339) contains.

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Color

Hex(162339)

Conversions

Conversions Part 1

Format	Color
Hex	162339
RGB	22, 35, 57
RGB Percent	9%, 14%, 22%
CMY	0.9137, 0.8627, 0.7765
CMYK	0.61, 0.39, 0.00, 0.78
HSL	218°, 44%, 15%
HSV	218°, 61%, 22%
XYZ	1.6704, 1.6680, 4.1048
YIQ	33.6210, -14.8100, 4.0860

Conversions

Conversions Part 2

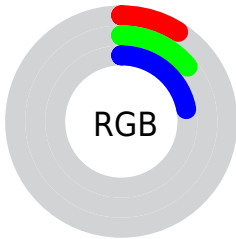
Format	Color
R_{YB}	22, 31, 57
Decimal	1450809
CIE Lab	13.64, 2.24, -15.96
CIE LCh	14, 16.117, 278.002
Yxy	1.6680, 0.2244, 0.2241
Android (android.graphics.Color)	4279640889 (0xFF162339)
YUV	33.6210, 11.5258, -10.1916
Hunter-Lab	12.9153, 0.4850, -9.8032

Details

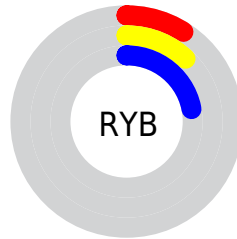
The Hex color **162339** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **392C16**, and the grayscale version is **222222**.

A 20% lighter version of the original color is **444F68**, and **00000C** is the 20% darker color. If you saturate the color by 10%, you get **101F39**, and if you desaturate by 10%, it is **1C2739**.

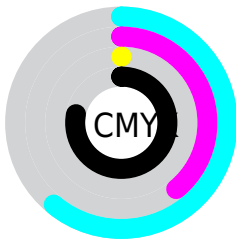
Distribution



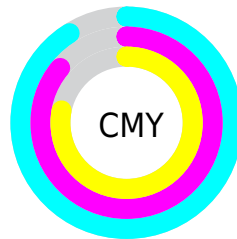
- Red (9%)
- Green (14%)
- Blue (22%)



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



- Cyan (61%)
- Magenta (39%)
- Yellow (0%)
- Black (78%)



- Cyan (91%)
- Magenta (86%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 162339 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 162339 by changing the saturation by 10% instead.

■ 162339

■ 162339

FEFFFF

■ 000D23

■ 444F68

■ 00000C

■ 5C6781

■ 000000

■ 75809B

■ 8F9AB6

■ AAB5D2

■ C5D0EE

■ E1EDFF

■ 162339

■ 162339

■ 101F39

■ 1C2739

■ 0B1C39

■ 212A39

■ 051839

■ 272E39

■ 001539

■ 2D3139

■ 333539

■ 383839

■ 3E3C39

■ 444039

■ 494339

Harmonies

Analogous

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



002637



162339



281F35

Triad

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



162339



371B16



0C281A

Complementary

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



162339



392C16

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.



1B2610



162339



311F0D

Square

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



162339



381A20



27230A



002926

Rectangle

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



162339



301C2F



27230A



112817

Sweetspot

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



162339



3D424A



16392C



1E2126



A6A6A6



262626

Same Dimension

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



162339



13284A



1A1639



191A1C



00225C



0051DB

Inverse Universe

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



391623



4A1328



353916



1C191A



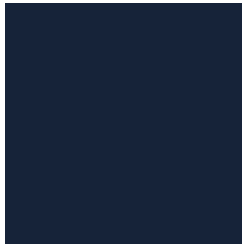
5C0022



DB0051

Previews

White Background



This preview shows how the Hex color 162339 looks on a white background.

Color Contrast Check

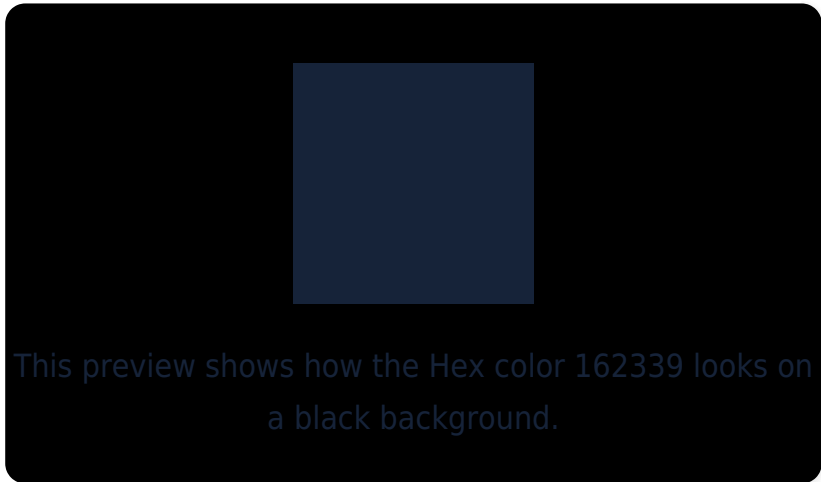
Large Text (above 18pt) WCAG AA ✓ Pass

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

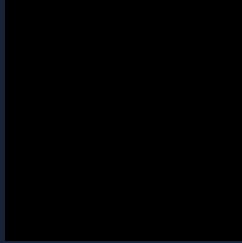
Any Text WCAG AA × Fail

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 162339 Background



This preview shows how black text looks on a background with the Hex color 162339.



This preview shows how white text looks on a background with the Hex color 162339.

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
162339

Protanopia
1A2238

Deuteranopia
152339



Tritanopia
0E2629

Trichromacy



Original Color
162339

Protanomaly
192238

Deuteranomaly
152339

Tritanomaly
11252F

Monochromacy



Original Color
162339

Achromatopsia
222222

Achromatomaly
1E222A

CSS Examples

Text

The CSS property to change the color of the text to Hex 162339 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 #162339 looks like.

```
.text, #text, p{  
    color:#162339  
}
```

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 #162339 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #162339
}
```

Border

The CSS property to change the border of an element to Hex 162339 is called "border". The border property can be set on classes, ids or directly on the HTML element.

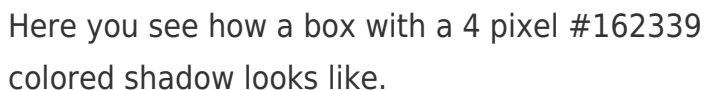
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#162339 }
```

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

```
.border{ border-color:#162339 }
```

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



Here you see how a box with a 4 pixel #162339 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #162339; -webkit-box-shadow:4px 4px  
4px 4px #162339; box-shadow:4px 4px 4px  
4px #162339 }
```

Background

The CSS property to change the background color of an element to Hex 162339 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#162339 }
```

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

```
.background{ background-color:#162339 }
```

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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