

Converting Colors

Hex(172338)

Have a look what the booklet for
Hex(172338) contains.

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Color

Hex(172338)

Conversions

Conversions Part 1

Format	Color
Hex	172338
RGB	23, 35, 56
RGB Percent	9%, 14%, 22%
CMY	0.9098, 0.8627, 0.7804
CMYK	0.59, 0.38, 0.00, 0.78
HSL	218°, 42%, 15%
HSV	218°, 59%, 22%
XYZ	1.6682, 1.6697, 3.9758
YIQ	33.8060, -13.8930, 3.9870

Conversions

Conversions Part 2

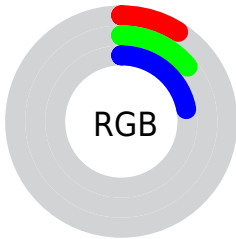
Format	Color
RYB	23, 32, 56
Decimal	1516344
CIELab	13.65, 2.14, -15.23
CIELCh	14, 15.382, 278.005
Yxy	1.6697, 0.2281, 0.2283
Android (android.graphics.Color)	4279706424 (0xFF172338)
YUV	33.8060, 10.9416, -9.4769
Hunter-Lab	12.9219, 0.4308, -9.1968




Details

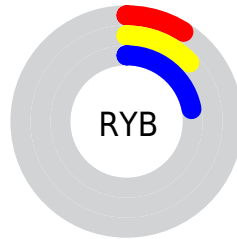
The Hex color **172338** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **382C17**, and the grayscale version is **222222**.




A 20% lighter version of the original color is **454F67**, and **00000A** is the 20% darker color. If you saturate the color by 10%, you get **111F38**, and if you desaturate by 10%, it is **1D2738**.

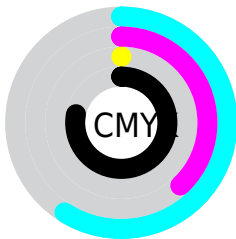
Distribution







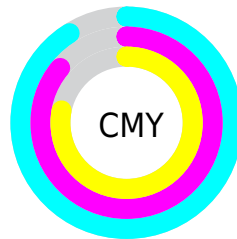
-  Red (9%)
-  Green (14%)
-  Blue (22%)






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



-  Cyan (59%)
-  Magenta (38%)
-  Yellow (0%)
-  Black (78%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 172338 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 172338 by changing the saturation by 10% instead.

■ 172338

■ 172338

FFFFFF

■ 000D23

■ 454F67

■ 00000A

■ 5D6780

■ 000000

■ 76809A

■ 909AB5

■ AAB5D1

■ C6D0ED

■ E2EDFF

■ 172338

■ 172338

■ 111F38

■ 1D2738

■ 0C1C38

■ 222A38

■ 061838

■ 282E38

■ 011538

■ 2D3138

■ 001438

■ 333538

■ 393838

■ 3E3C38

■ 444038

■ 494338

Harmonies

Analogous

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



002637



172338



281F34

Triad

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



172338



361C16



0D281A

Complementary

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



172338



382C17

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.



1B2611



172338



301F0E

Square

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



172338



371A20



27230C



002825

Rectangle

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



172338



301C2E



27230C



122717

Sweetspot

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



172338



3D414A



17382C



1E2126



A6A6A6



262626

Same Dimension

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



172338



15294A



1B1738



191A1C



00215C



0050DB

Inverse Universe

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



381723



4A1529



343817



1C191A



5C0021



DB0050

Previews

White Background



This preview shows how the Hex color 172338 looks on a white background.

Color Contrast Check

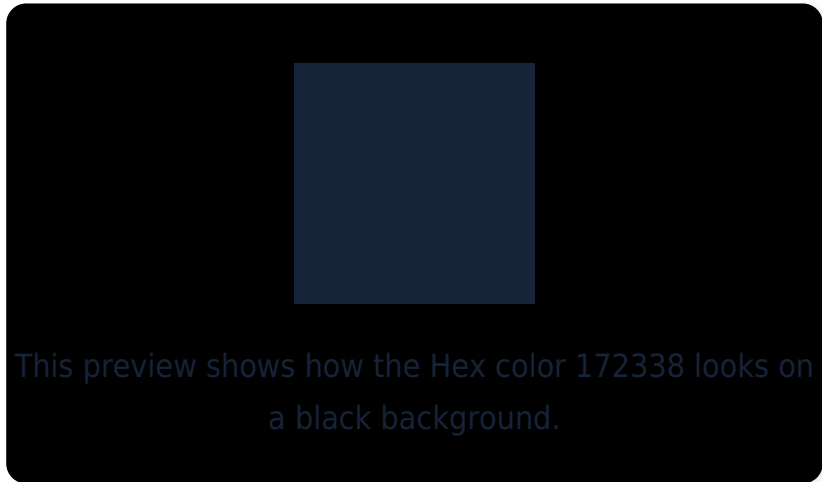
Large Text (above 18pt) WCAG AA ✓ Pass

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

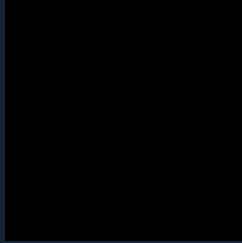
Any Text WCAG AA × Fail

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 172338 Background



This preview shows how black text looks on a background with the Hex color 172338.



This preview shows how white text looks on a background with the Hex color 172338.

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
172338

Protanopia
1B2237

Deuteranopia
172338



Tritanopia
112629

Trichromacy



Original Color
172338

Protanomaly
1A2237

Deuteranomaly
172338

Tritanomaly
13252E

Monochromacy



Original Color
172338

Achromatopsia
222222

Achromatomaly
1E222A

CSS Examples

Text

The CSS property to change the color of the text to Hex 172338 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 #172338 looks like.

```
.text, #text, p{  
    color:#172338  
}
```

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 #172338 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #172338
}
```

Border

The CSS property to change the border of an element to Hex 172338 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
#172338 }
```

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

```
.border{ border-color:#172338 }
```

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

Here you see how a box with a 4 pixel #172338 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #172338; -webkit-box-shadow:4px 4px  
4px 4px #172338; box-shadow:4px 4px 4px  
4px #172338 }
```

Background

The CSS property to change the background color of an element to Hex 172338 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#172338 }
```

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

```
.background{ background-color:#172338 }
```

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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