

Converting Colors

Hex(172367)

Have a look what the booklet for
Hex(172367) contains.

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Color

Hex(172367)

Conversions

Conversions Part 1

Format	Color
Hex	172367
RGB	23, 35, 103
RGB Percent	9%, 14%, 40%
CMY	0.9098, 0.8627, 0.5961
CMYK	0.78, 0.66, 0.00, 0.60
HSL	231°, 63%, 25%
HSV	231°, 78%, 40%
XYZ	3.4026, 2.3635, 13.1088
YIQ	39.1640, -28.9800, 18.6040

Conversions

Conversions Part 2

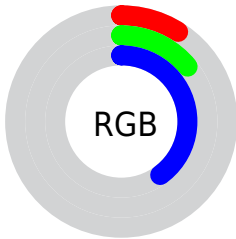
Format	Color
R_{YB}	23, 33, 103
Decimal	1516391
CIE Lab	17.29, 21.30, -41.36
CIE LCh	17, 46.522, 297.246
Yxy	2.3635, 0.1803, 0.1252
Android (android.graphics.Color)	4279706471 (0xFF172367)
YUV	39.1640, 31.4711, -14.1758
Hunter-Lab	15.3737, 12.6025, -39.7939

Details

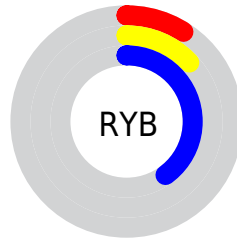
The Hex color **172367** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **675B17**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **504F9B**, and **000037** is the 20% darker color. If you saturate the color by 10%, you get **0D1A67**, and if you desaturate by 10%, it is **212C67**.

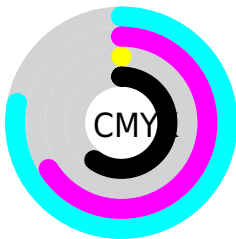
Distribution



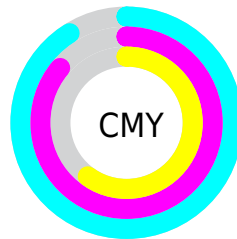
- Red (9%)
- Green (14%)
- Blue (40%)



- Red (9%)
- Yellow (13%)
- Blue (40%)



- Cyan (78%)
- Magenta (66%)
- Yellow (0%)
- Black (60%)



- Cyan (91%)
- Magenta (86%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 172367 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 172367 by changing the saturation by 10% instead.

■ 172367

■ 172367

FFFFFF

■ 000F4E

■ 504F9B

■ 000037

■ 6B67B6

■ 000221

■ 8680D2

■ 000005

■ A19AEE

■ 000000

■ BDB5FF

■ DAD1FF

■ F7EDFF

■ 172367

■ 172367

■ 0D1A67

■ 212C67

■ 021167

■ 2C3567

■ 000F67

■ 363D67

■ 404667

■ 4B4F67

■ 555867

■ 5F6067

■ 696967

■ 747267

Harmonies

Analogous

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



00306F



172367



4E094F

Triad

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



172367



511800



003726

Complementary

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



172367



675B17

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.



003500



172367



382800

Square

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



172367



60000D



173100



003849

Rectangle

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



172367



5D003A



173100



00371A

Sweetspot

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



172367



686D87



17675B



323445



C4C4C4



454545

Same Dimension

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



172367



091C87



331767



2E2F33



001173



0024F2

Inverse Universe

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



671723



87091C



4B6717



332E2F



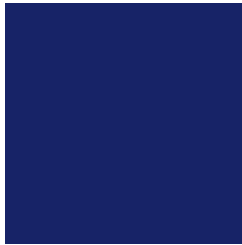
730011



F20024

Previews

White Background



This preview shows how the Hex color 172367 looks on a white background.

Color Contrast Check

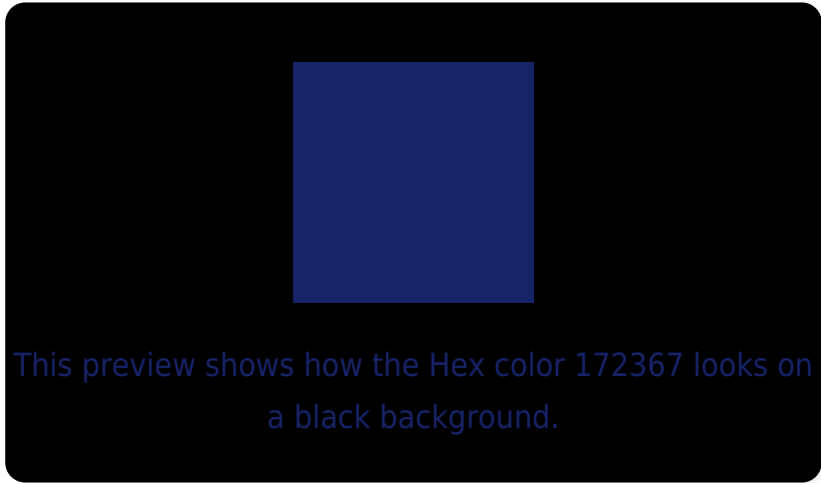
Large Text (above 18pt) WCAG AA ✓ Pass

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

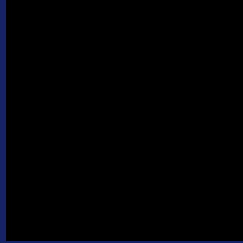
Any Text WCAG AA × Fail

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 172367 Background



This preview shows how black text looks on a background with the Hex color 172367.



This preview shows how white text looks on a background with the Hex color 172367.

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
172367

Protanopia
002958

Deuteranopia
002C4B

Trichromacy



Original Color

172367

Protanomaly

08275D

Deuteranomaly

082955

Tritanomaly

082B46

Monochromacy



Original Color

172367

Achromatopsia

272727

Achromatomaly

21263E

CSS Examples

Text

The CSS property to change the color of the text to Hex 172367 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 #172367 looks like.

```
.text, #text, p{  
    color:#172367  
}
```

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 #172367 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #172367
}
```

Border

The CSS property to change the border of an element to Hex 172367 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
#172367 }
```

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

```
.border{ border-color:#172367 }
```

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

Here you see how a box with a 4 pixel #172367 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #172367; -webkit-box-shadow:4px 4px  
4px 4px #172367; box-shadow:4px 4px 4px  
4px #172367 }
```

Background

The CSS property to change the background color of an element to Hex 172367 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#172367 }
```

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

```
.background{ background-color:#172367 }
```

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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