

Converting Colors

Hex(172647)

Have a look what the booklet for
Hex(172647) contains.

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Color

Hex(172647)

Conversions

Conversions Part 1

Format	Color
Hex	172647
RGB	23, 38, 71
RGB Percent	9%, 15%, 28%
CMY	0.9098, 0.8510, 0.7216
CMYK	0.68, 0.46, 0.00, 0.72
HSL	221°, 51%, 18%
HSV	221°, 68%, 28%
XYZ	2.1838, 2.0233, 6.2367
YIQ	37.2770, -19.5330, 7.0830

Conversions

Conversions Part 2

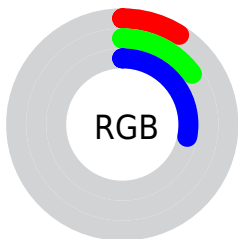
Format	Color
R_{YB}	23, 34, 71
Decimal	1517127
CIE Lab	15.61, 5.90, -22.60
CIE LCh	16, 23.354, 284.627
Yxy	2.0233, 0.2091, 0.1937
Android (android.graphics.Color)	4279707207 (0xFF172647)
YUV	37.2770, 16.6254, -12.5209
Hunter-Lab	14.2243, 2.5117, -16.0387

Details

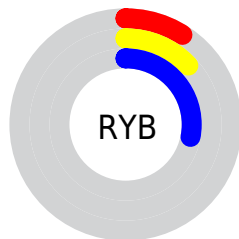
The Hex color **172647** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **473817**, and the grayscale version is **252525**.

A 20% lighter version of the original color is **475278**, and **00011B** is the 20% darker color. If you saturate the color by 10%, you get **102147**, and if you desaturate by 10%, it is **1E2B47**.

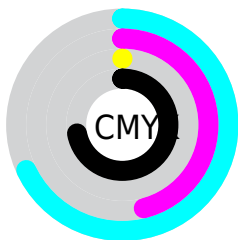
Distribution



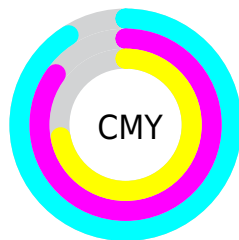
- Red (9%)
- Green (15%)
- Blue (28%)



- Red (9%)
- Yellow (13%)
- Blue (28%)



- Cyan (68%)
- Magenta (46%)
- Yellow (0%)
- Black (72%)



- Cyan (91%)
- Magenta (85%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 172647 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 172647 by changing the saturation by 10% instead.

■ 172647

■ 172647

FFFFFF

■ 001130

■ 475278

■ 00011B

■ 606B92

■ 000000

■ 7A84AC

■ 949EC8

■ AFB9E4

■ CBD4FF

■ E7F1FF

■ 172647

■ 172647

■ 102147

■ 1E2B47

■ 091C47

■ 253047

■ 021747

■ 2C3547

■ 001647

■ 333A47

■ 3B3E47

■ 424347

■ 494847

■ 504D47

■ 575247

Harmonies

Analogous

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



002B47



172647



321F3F

Triad

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



172647



411C10



002E1E

Complementary

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



172647



473817

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.



152C0E



172647



372301

Square

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



172647



451820



292900



002F2F

Rectangle

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



172647



3D1B35



292900



022E18

Sweetspot

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



172647



494F5C



174738



23262E



ADADAD



2E2E2E

Same Dimension

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



172647



11295C



201747



202124



001F63



0047E3

Inverse Universe

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



471726



5C1129



3E4717



242021



63001F



E30047

Previews

White Background



This preview shows how the Hex color 172647 looks on a white background.

Color Contrast Check

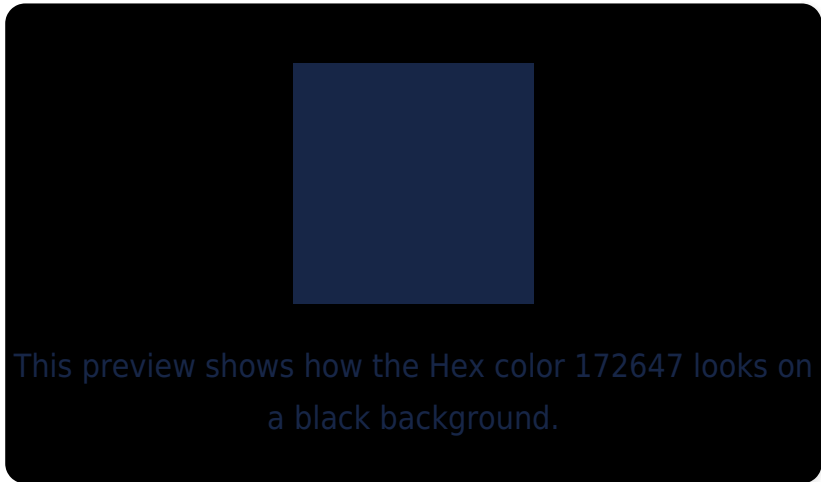
Large Text (above 18pt) WCAG AA ✓ Pass

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

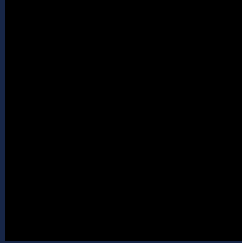
Any Text WCAG AA × Fail

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 172647 Background



This preview shows how black text looks on a background with the Hex color 172647.



This preview shows how white text looks on a background with the Hex color 172647.

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
172647

Protanopia
172647

Deuteranopia
042847



Tritanopia
002B2F

Trichromacy



Original Color
172647

Protanomaly
172647

Deuteranomaly
0B2747

Tritanomaly
082938

Monochromacy



Original Color
172647

Achromatopsia
252525

Achromatomaly
202531

CSS Examples

Text

The CSS property to change the color of the text to Hex 172647 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 #172647 looks like.

```
.text, #text, p{  
    color:#172647  
}
```

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 #172647 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #172647
}
```

Border

The CSS property to change the border of an element to Hex 172647 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
#172647 }
```

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

```
.border{ border-color:#172647 }
```

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

Here you see how a box with a 4 pixel #172647 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #172647; -webkit-box-shadow:4px 4px  
4px 4px #172647; box-shadow:4px 4px 4px  
4px #172647 }
```

Background

The CSS property to change the background color of an element to Hex 172647 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#172647 }
```

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

```
.background{ background-color:#172647 }
```

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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