

Converting Colors

Hex(34172A)

Have a look what the booklet for
Hex(34172A) contains.

Hex(34172A)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(34172A)

Conversions

Conversions Part 1

Format	Color
Hex	34172A
RGB	52, 23, 42
RGB Percent	20%, 9%, 16%
CMY	0.7961, 0.9098, 0.8353
CMYK	0.00, 0.56, 0.19, 0.80
HSL	321°, 39%, 15%
HSV	321°, 56%, 20%
XYZ	2.1405, 1.5100, 2.3691
YIQ	33.8370, 11.1850, 12.0570

Conversions

Conversions Part 2

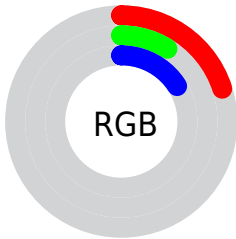
Format	Color
R_{YB}	52, 23, 42
Decimal	3413802
CIE Lab	12.67, 17.61, -6.40
CIE LCh	13, 18.740, 340.027
Yxy	1.5100, 0.3556, 0.2508
Android (android.graphics.Color)	4281603882 (0xFF34172A)
YUV	33.8370, 4.0244, 15.9290
Hunter-Lab	12.2883, 9.5882, -2.8291

Details

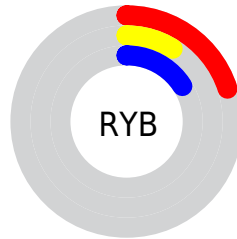
The Hex color **34172A** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **173421**, and the grayscale version is **222222**.

A 20% lighter version of the original color is **644357**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **341228**, and if you desaturate by 10%, it is **341C2C**.

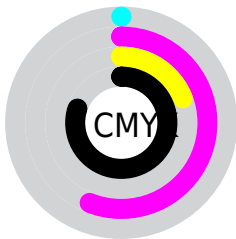
Distribution



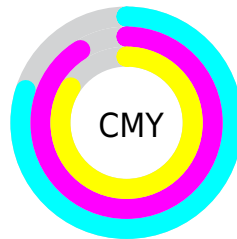
- Red (20%)
- Green (9%)
- Blue (16%)



- Red (20%)
- Yellow (9%)
- Blue (16%)



- Cyan (0%)
- Magenta (56%)
- Yellow (19%)
- Black (80%)



- Cyan (80%)
- Magenta (91%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 34172A 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 34172A by changing the saturation by 10% instead.

■ 34172A

■ 34172A

■ FFFCFF

■ 200016

■ 644357

■ 000000

■ 7D5B70

■ 977389

■ B28DA3

■ CEA8BE

■ EAC3DA

■ FFDFF7

■ 34172A

■ 34172A

■ 341228

■ 341C2C

■ 340D26

■ 34212E

■ 340725

■ 34272F

■ 340223

■ 342C31

■ 340022

■ 343133

■ 343635

■ 343B37

■ 344138

■ 34463A

Harmonies

Analogous

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



271C35



34172A



39161D

Triad

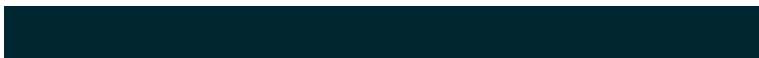
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



34172A



252101



002731

Complementary

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



34172A



173421

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.



002725



34172A



17250A

Square

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



34172A



301D03



022718



002539

Rectangle

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



34172A



381715



022718



00272D

Sweetspot

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



34172A



453941



211734



241D21



A3A3A3



242424

Same Dimension

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



34172A



451735



34171C



1A1719



59003A



D9008E

Inverse Universe

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



34172A



451735



17342F



1A1719



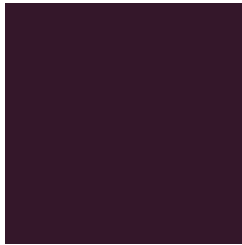
59003A



D9008E

Previews

White Background



This preview shows how the Hex color 34172A looks on a white background.

Color Contrast Check

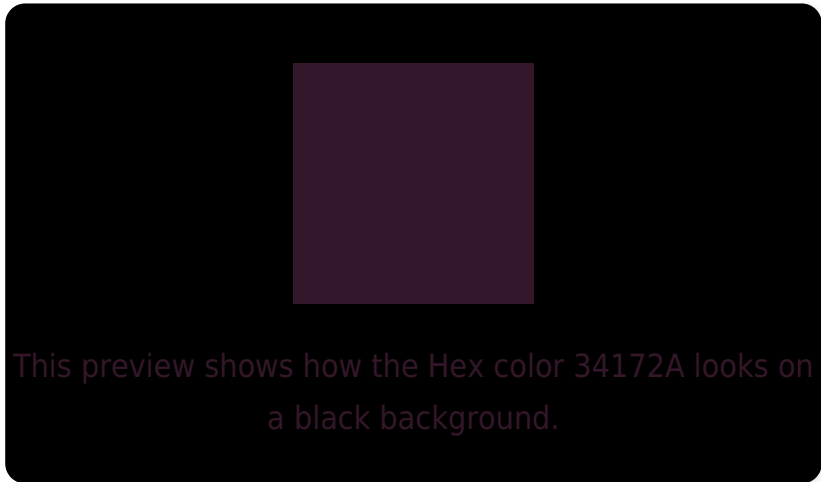
Large Text (above 18pt) WCAG AA ✓ Pass

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

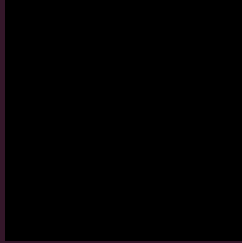
Any Text WCAG AA × Fail

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 34172A Background



This preview shows how black text looks on a background with the Hex color 34172A.



This preview shows how white text looks on a background with the Hex color 34172A.

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

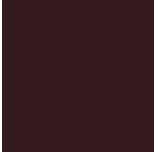
[34172A](#)

Protanopia

[1C2132](#)

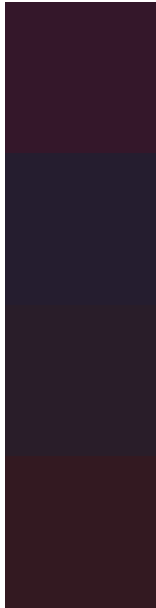
Deuteranopia

[222128](#)



Tritanopia
331A1C

Trichromacy



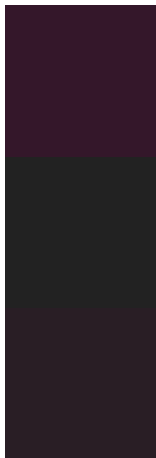
Original Color
34172A

Protanomaly
251D2F

Deuteranomaly
291D29

Tritanomaly
331921

Monochromacy



Original Color
34172A

Achromatopsia
222222

Achromatomaly
291E25

CSS Examples

Text

The CSS property to change the color of the text to Hex 34172A 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 #34172A looks like.

```
.text, #text, p{  
    color:#34172A  
}
```

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 #34172A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #34172A
}
```

Border

The CSS property to change the border of an element to Hex 34172A is called "border". The border property can be set on classes, ids or directly on the HTML element.

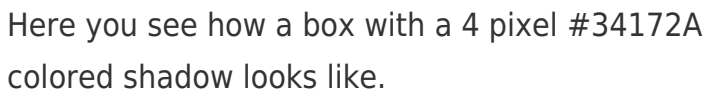
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#34172A }
```

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

```
.border{ border-color:#34172A }
```

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



Here you see how a box with a 4 pixel #34172A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #34172A; -webkit-box-shadow:4px 4px  
4px 4px #34172A; box-shadow:4px 4px 4px  
4px #34172A }
```

Background

The CSS property to change the background color of an element to Hex 34172A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#34172A }
```

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

```
.background{ background-color:#34172A }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor