

Converting Colors

Hex(34212A)

Have a look what the booklet for
Hex(34212A) contains.

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Color

Hex(34212A)

Conversions

Conversions Part 1

Format	Color
Hex	34212A
RGB	52, 33, 42
RGB Percent	20%, 13%, 16%
CMY	0.7961, 0.8706, 0.8353
CMYK	0.00, 0.37, 0.19, 0.80
HSL	332°, 22%, 17%
HSV	332°, 37%, 20%
XYZ	2.3779, 1.9849, 2.4483
YIQ	39.7070, 8.4350, 6.8270

Conversions

Conversions Part 2

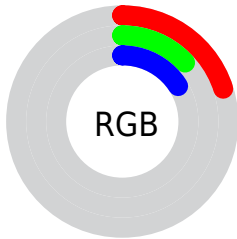
Format	Color
R_{YB}	52, 33, 42
Decimal	3416362
CIE Lab	15.41, 10.86, -2.30
CIE LCh	15, 11.098, 348.049
Yxy	1.9849, 0.3491, 0.2914
Android (android.graphics.Color)	4281606442 (0xFF34212A)
YUV	39.7070, 1.1304, 10.7810
Hunter-Lab	14.0888, 5.4723, -0.4410

Details

The Hex color **34212A** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **21342B**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **634D57**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **341C27**, and if you desaturate by 10%, it is **34262D**.

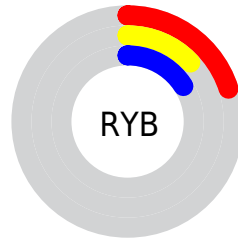
Distribution



Red (20%)

Green (13%)

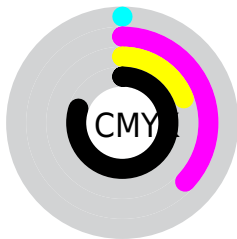
Blue (16%)



Red (20%)

Yellow (13%)

Blue (16%)

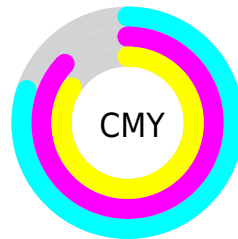


Cyan (0%)

Magenta (37%)

Yellow (19%)

Black (80%)



Cyan (80%)

Magenta (87%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 34212A 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 34212A by changing the saturation by 10% instead.



34212A



34212A

FFFFFF



1F0B16



634D57



000000



7C6570



967E89



B198A3



CCB3BE



E8CFDA



FFEBF7



34212A



34212A

■ 341C27

■ 34262D

■ 341725

■ 342B2F

■ 341122

■ 343132

■ 340C1F

■ 343635

■ 34071C

■ 343B38

■ 34021A

■ 34403A

■ 340019

■ 34453D

■ 344B40

■ 345043

Harmonies

Analogous

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



2D2331



34212A



362122

Triad

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



34212A



272817



0F2A32

Complementary

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



34212A



21342B

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.



0E2B2B



34212A



1E2A1C

Square

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



34212A



2F2517



152B23



182836

Rectangle

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



34212A



35221D



152B23



0D2A30

Sweetspot

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



34212A



453D41



2B2134



241F21



A3A3A3



242424

Same Dimension

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



34212A



452735



342121



1A1718



59002A



D90067

Inverse Universe

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



34212A



452735



213434



1A1718



59002A



D90067

Previews

White Background



This preview shows how the Hex color 34212A looks on a white background.

Color Contrast Check

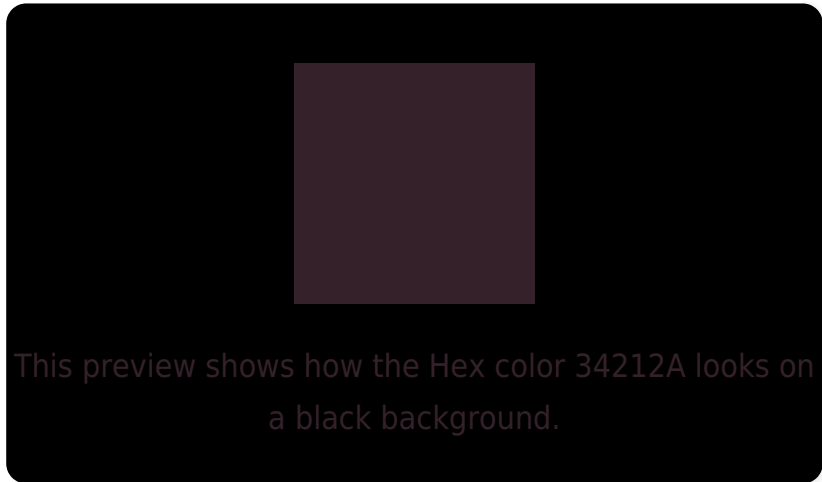
Large Text (above 18pt) WCAG AA ✓ Pass

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 34212A Background



This preview shows how black text looks on a background with the Hex color 34212A.

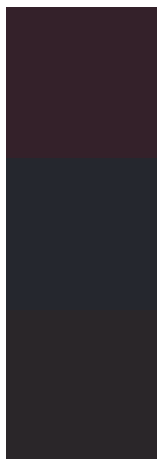


This preview shows how white text looks on a background with the Hex color 34212A.

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

[34212A](#)

Protanopia

[25272E](#)

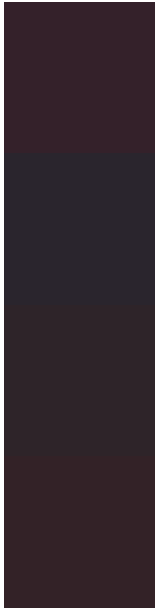
Deuteranopia

[2A2629](#)



Tritanopia
332225

Trichromacy



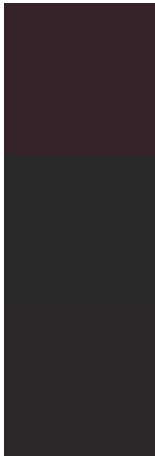
Original Color
34212A

Protanomaly
2A252D

Deuteranomaly
2E2429

Tritanomaly
332227

Monochromacy



Original Color
34212A

Achromatopsia
282828

Achromatomaly
2C2529

CSS Examples

Text

The CSS property to change the color of the text to Hex 34212A 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 #34212A looks like.

```
.text, #text, p{  
    color:#34212A  
}
```

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 #34212A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #34212A
}
```

Border

The CSS property to change the border of an element to Hex 34212A 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
#34212A }
```

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

```
.border{ border-color:#34212A }
```

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

Here you see how a box with a 4 pixel #34212A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #34212A; -webkit-box-shadow:4px 4px  
4px 4px #34212A; box-shadow:4px 4px 4px  
4px #34212A }
```

Background

The CSS property to change the background color of an element to Hex 34212A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#34212A }
```

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

```
.background{ background-color:#34212A }
```

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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