

Converting Colors

Hex(3B472B)

Have a look what the booklet for
Hex(3B472B) contains.

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Color

Hex(3B472B)

Conversions

Conversions Part 1

Format	Color
Hex	3B472B
RGB	59, 71, 43
RGB Percent	23%, 28%, 17%
CMY	0.7686, 0.7216, 0.8314
CMYK	0.17, 0.00, 0.39, 0.72
HSL	86°, 25%, 22%
HSV	86°, 39%, 28%
XYZ	4.4929, 5.6107, 3.1317
YIQ	64.2200, 1.8360, -11.2520

Conversions

Conversions Part 2

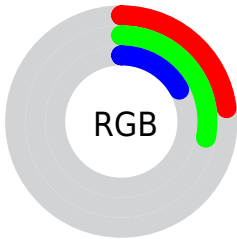
Format	Color
RYB	43, 71, 55
Decimal	3884843
CIELab	28.41, -10.63, 15.29
CIELCh	28, 18.620, 124.806
Yxy	5.6107, 0.3395, 0.4239
Android (android.graphics.Color)	4282074923 (0xFF3B472B)
YUV	64.2200, -10.4615, -4.5779
Hunter-Lab	23.6869, -7.5944, 8.7421

Details

The Hex color **3B472B** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **372B47**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **6B7759**, and **121C00** is the 20% darker color. If you saturate the color by 10%, you get **384724**, and if you desaturate by 10%, it is **3E4732**.

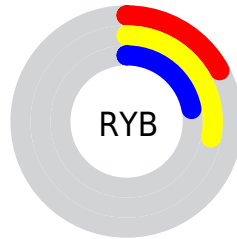
Distribution



Red (23%)

Green (28%)

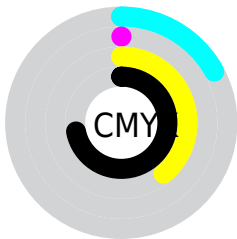
Blue (17%)



Red (17%)

Yellow (28%)

Blue (22%)

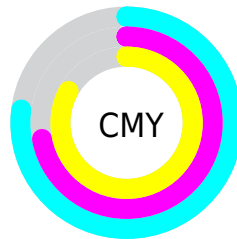


Cyan (17%)

Magenta (0%)

Yellow (39%)

Black (72%)



Cyan (77%)

Magenta (72%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B472B 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 3B472B by changing the saturation by 10% instead.



3B472B



3B472B

FFFFFF



253116



6B7759



121C00



849171



000000



9EAC8B



B9C7A5



D5E3C1



F2FFDC



FFFFFF9



3B472B



3B472B

■ 384724

■ 3E4732

■ 35471D

■ 414739

■ 324716

■ 444740

■ 2F470F

■ 474747

■ 2C4708

■ 4A474F

■ 294700

■ 4D4756

■ 50475D

■ 534764

■ 56476B

Harmonies

Analogous

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



4A4326



3B472B



2A4A36

Triad

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



3B472B



1B485D



5F3841

Complementary

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



3B472B



372B47

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.



573A4F



3B472B



32445F

Square

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



3B472B



0B4A53



483E5B



5E3A33

Rectangle

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



3B472B



1D4B40



483E5B



5D3846

Sweetspot

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



3B472B



575C51



47372B



2B2E27



ADADAD



2E2E2E

Same Dimension

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



3B472B



495C31



2D472B



222420



396300



82E300

Inverse Universe

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



372B47



43315C



452B47



222024



2B0063



6100E3

Previews

White Background



This preview shows how the Hex color 3B472B looks on a white background.

Color Contrast Check

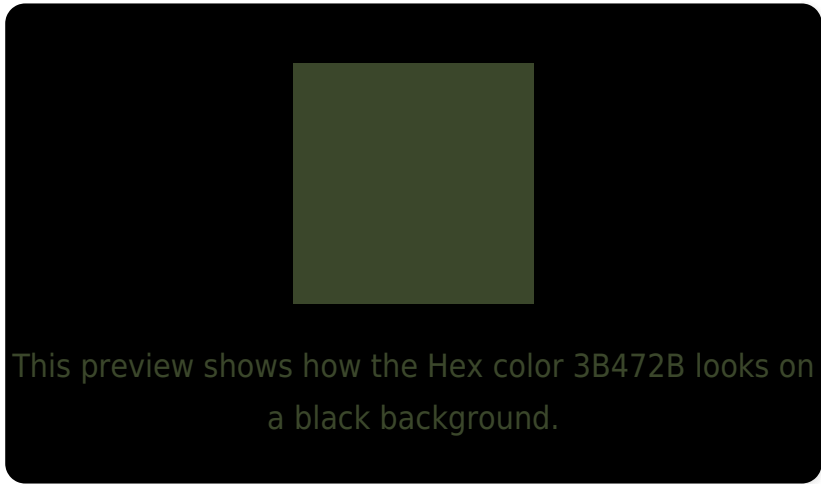
Large Text (above 18pt) WCAG AA ✓ Pass

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

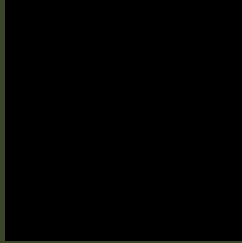
Any Text WCAG AA × Fail

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 3B472B Background



This preview shows how black text looks on a background with the Hex color 3B472B.



This preview shows how white text looks on a background with the Hex color 3B472B.

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](#).

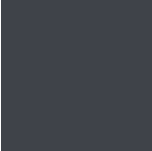
Dichromacy



Original Color
3B472B

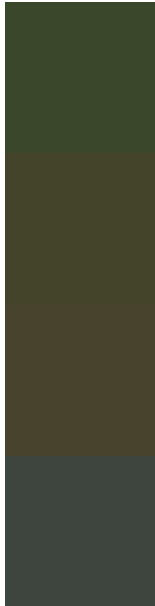
Protanopia
494329

Deuteranopia
50402D



Tritanopia
3F4349

Trichromacy



Original Color
3B472B

Protanomaly
44442A

Deuteranomaly
48432C

Tritanomaly
3E443E

Monochromacy



Original Color
3B472B

Achromatopsia
404040

Achromatomaly
3E4338

CSS Examples

Text

The CSS property to change the color of the text to Hex 3B472B 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 #3B472B looks like.

```
.text, #text, p{  
    color:#3B472B  
}
```

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 #3B472B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B472B
}
```

Border

The CSS property to change the border of an element to Hex 3B472B 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
#3B472B }
```

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

```
.border{ border-color:#3B472B }
```

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

Here you see how a box with a 4 pixel #3B472B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B472B; -webkit-box-shadow:4px 4px  
4px 4px #3B472B; box-shadow:4px 4px 4px  
4px #3B472B }
```

Background

The CSS property to change the background color of an element to Hex 3B472B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B472B }
```

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

```
.background{ background-color:#3B472B }
```

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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