

Converting Colors

Hex(3A542D)

Have a look what the booklet for
Hex(3A542D) contains.

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Color

Hex(3A542D)

Conversions

Conversions Part 1

Format	Color
Hex	3A542D
RGB	58, 84, 45
RGB Percent	23%, 33%, 18%
CMY	0.7725, 0.6706, 0.8235
CMYK	0.31, 0.00, 0.46, 0.67
HSL	100°, 30%, 25%
HSV	100°, 46%, 33%
XYZ	5.3889, 7.4296, 3.6327
YIQ	71.7800, -2.9770, -17.6410

Conversions

Conversions Part 2

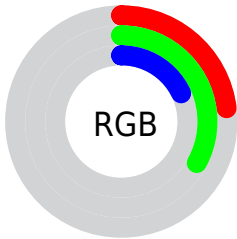
Format	Color
RYB	45, 84, 71
Decimal	3822637
CIELab	32.77, -18.11, 19.69
CIElCh	33, 26.757, 132.606
Yxy	7.4296, 0.3276, 0.4516
Android (android.graphics.Color)	4282012717 (0xFF3A542D)
YUV	71.7800, -13.2025, -12.0851
Hunter-Lab	27.2574, -12.4102, 11.1784

Details

The Hex color **3A542D** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **472D54**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **6A865B**, and **102700** is the 20% darker color. If you saturate the color by 10%, you get **345425**, and if you desaturate by 10%, it is **405435**.

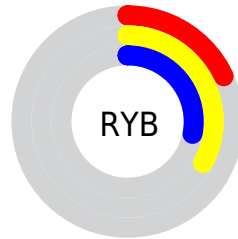
Distribution



Red (23%)

Green (33%)

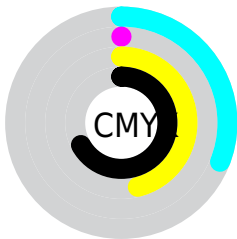
Blue (18%)



Red (18%)

Yellow (33%)

Blue (28%)

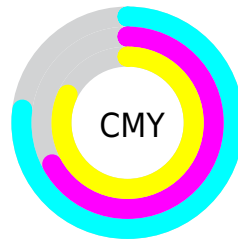


Cyan (31%)

Magenta (0%)

Yellow (46%)

Black (67%)



Cyan (77%)

Magenta (67%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A542D 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 3A542D by changing the saturation by 10% instead.

■ 3A542D

■ 3A542D

FFFFFF

■ 233D18

■ 6A865B

■ 102700

■ 84A074

■ 001100

■ 9EBB8E

■ 000000

■ B9D7A8

■ D5F3C4

■ F2FFE0

■ FFFFFD

■ 3A542D

■ 3A542D

■ 345425

■ 405435

■ 2F541C

■ 45543E

■ 295414

■ 4B5446

■ 24540B

■ 50544F

■ 1E5403

■ 565457

■ 1C5400

■ 5C545F

■ 615468

■ 675470

■ 6C5479

Harmonies

Analogous

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



514F23



3A542D



1B5740

Triad

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



3A542D



005375



753C45

Complementary

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



3A542D



472D54

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.



6E3D5A



3A542D



3B4C76

Square

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



3A542D



005769



5A446C



714031

Rectangle

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



3A542D



00584E



5A446C



743C4C

Sweetspot

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



3A542D



636E5E



54472D



32382F



B8B8B8



383838

Same Dimension

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



3A542D



456E30



2D5433



262925



236900



4DE800

Inverse Universe

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



472D54



59306E



542D4D



272529



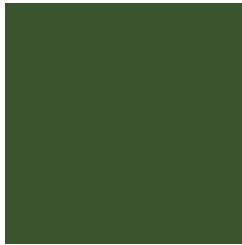
460069



9B00E8

Previews

White Background



This preview shows how the Hex color 3A542D looks on a white background.

Color Contrast Check

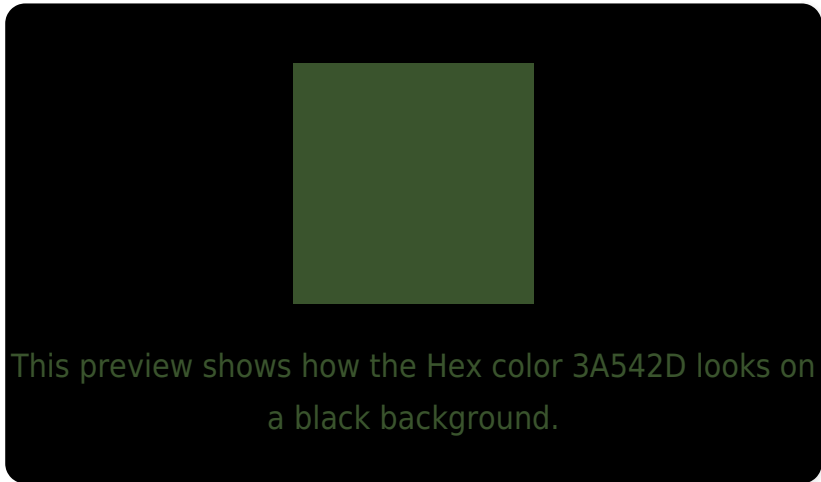
Large Text (above 18pt) WCAG AA ✓ Pass

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

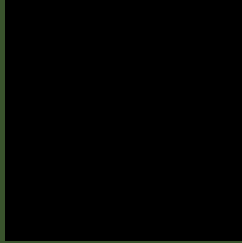
Any Text WCAG AA × Fail

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 3A542D Background



This preview shows how black text looks on a background with the Hex color 3A542D.



This preview shows how white text looks on a background with the Hex color 3A542D.

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
3A542D

Protanopia
554D2A

Deuteranopia
5D4930



Tritanopia
414F56

Trichromacy



Original Color
3A542D

Protanomaly
4B502B

Deuteranomaly
504D2F

Tritanomaly
3E5147

Monochromacy



Original Color
3A542D

Achromatopsia
484848

Achromatomaly
434C3E

CSS Examples

Text

The CSS property to change the color of the text to Hex 3A542D 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 #3A542D looks like.

```
.text, #text, p{  
    color:#3A542D  
}
```

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 #3A542D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A542D
}
```

Border

The CSS property to change the border of an element to Hex 3A542D 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
#3A542D }
```

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

```
.border{ border-color:#3A542D }
```

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

Here you see how a box with a 4 pixel #3A542D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A542D; -webkit-box-shadow:4px 4px  
4px 4px #3A542D; box-shadow:4px 4px 4px  
4px #3A542D }
```

Background

The CSS property to change the background color of an element to Hex 3A542D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A542D }
```

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

```
.background{ background-color:#3A542D }
```

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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