

Converting Colors

Hex(68642A)

Have a look what the booklet for
Hex(68642A) contains.

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Color

Hex(68642A)

Conversions

Conversions Part 1

Format	Color
Hex	68642A
RGB	104, 100, 42
RGB Percent	41%, 39%, 16%
CMY	0.5922, 0.6078, 0.8353
CMYK	0.00, 0.04, 0.60, 0.59
HSL	56°, 42%, 29%
HSV	56°, 60%, 41%
XYZ	10.6840, 12.2246, 3.9870
YIQ	94.5840, 21.0020, -17.1900

Conversions

Conversions Part 2

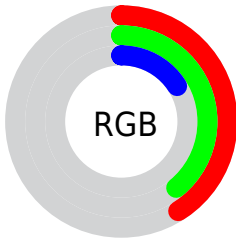
Format	Color
R_{YB}	46, 104, 42
Decimal	6841386
CIE _{Lab}	41.57, -6.84, 32.85
CIE _{LCh}	42, 33.552, 101.770
Yxy	12.2246, 0.3972, 0.4545
Android (android.graphics.Color)	4285031466 (0xFF68642A)
YUV	94.5840, -25.9239, 8.2578
Hunter-Lab	34.9636, -6.6413, 17.7136

Details

The Hex color **68642A** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **2A2E68**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **9D975A**, and **373600** is the 20% darker color. If you saturate the color by 10%, you get **686320**, and if you desaturate by 10%, it is **686534**.

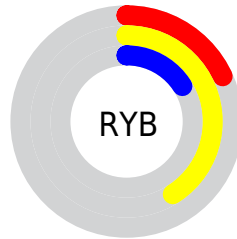
Distribution



Red (41%)

Green (39%)

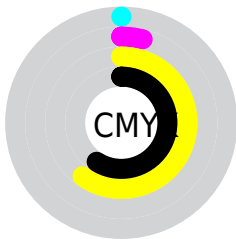
Blue (16%)



Red (18%)

Yellow (41%)

Blue (16%)

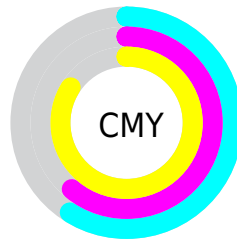


Cyan (0%)

Magenta (4%)

Yellow (60%)

Black (59%)



Cyan (59%)

Magenta (61%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 68642A 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 68642A by changing the saturation by 10% instead.



68642A



68642A

FFFFFF



4F4C13



9D975A



373600



B8B173



1F2100



D4CD8D



000B00



F1E9A8



000000



FFFFC3



FFFFDF



FFFFFC



68642A



68642A

■ 686320

■ 686534

■ 686315

■ 68653F

■ 68620B

■ 686649

■ 686100

■ 686754

■ 68675E

■ 686868

■ 686973

■ 68697D

■ 686A88

Harmonies

Analogous

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



805B2D



68642A



4A6B37

Triad

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



68642A



006F86



8C4D74

Complementary

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



68642A



2A2E68

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.



72578B



68642A



006A96

Square

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



68642A



00706C



486198



964B58

Rectangle

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



68642A



306E47



486198



85507D

Sweetspot

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



68642A



87866F



682A2E



454436



C4C4C4



454545

Same Dimension

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



68642A



878126



4D682A



33332E



736B00



F2E300

Inverse Universe

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



2A2E68



262C87



452A68



2E2E33



000773



0010F2

Previews

White Background



This preview shows how the Hex color 68642A looks on a white background.

Color Contrast Check

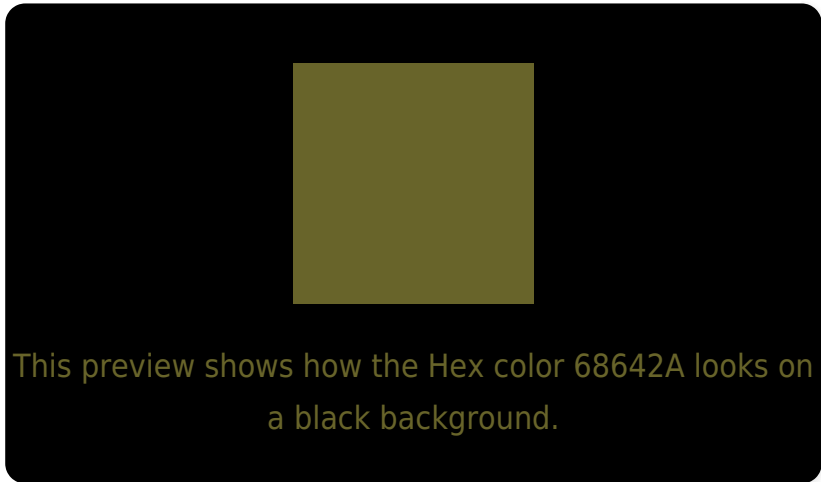
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

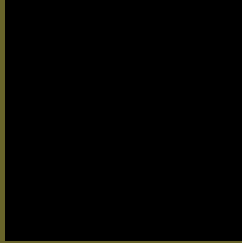
Any Text WCAG AA × Fail

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 68642A Background



This preview shows how black text looks on a background with the Hex color 68642A.



This preview shows how white text looks on a background with the Hex color 68642A.

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](#).

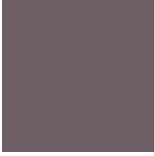
Dichromacy



Original Color
68642A

Protanopia
6D6229

Deuteranopia
795D2C



Tritanopia
6E5E65

Trichromacy



Original Color
68642A

Protanomaly
6B6329

Deuteranomaly
73602B

Tritanomaly
6C6050

Monochromacy



Original Color
68642A

Achromatopsia
5F5F5F

Achromatomaly
62614C

CSS Examples

Text

The CSS property to change the color of the text to Hex 68642A 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 #68642A looks like.

```
.text, #text, p{  
    color:#68642A  
}
```

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 #68642A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68642A
}
```

Border

The CSS property to change the border of an element to Hex 68642A is called "border". The border property can be set on classes, ids or directly on the HTML element.

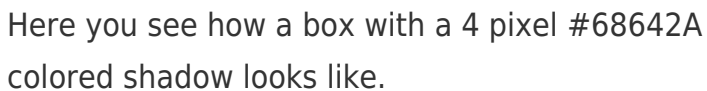
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#68642A }
```

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

```
.border{ border-color:#68642A }
```

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



Here you see how a box with a 4 pixel #68642A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68642A; -webkit-box-shadow:4px 4px  
4px 4px #68642A; box-shadow:4px 4px 4px  
4px #68642A }
```

Background

The CSS property to change the background color of an element to Hex 68642A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68642A }
```

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

```
.background{ background-color:#68642A }
```

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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