

Converting Colors

Hex(634A68)

Have a look what the booklet for
Hex(634A68) contains.

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Color

Hex(634A68)

Conversions

Conversions Part 1

Format	Color
Hex	634A68
RGB	99, 74, 104
RGB Percent	39%, 29%, 41%
CMY	0.6118, 0.7098, 0.5922
CMYK	0.05, 0.29, 0.00, 0.59
HSL	290°, 17%, 35%
HSV	290°, 29%, 41%
XYZ	10.0931, 8.5497, 14.2150
YIQ	84.8950, 5.2700, 14.6300

Conversions

Conversions Part 2

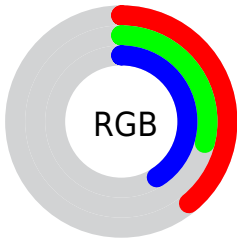
Format	Color
RYB	99, 74, 104
Decimal	6507112
CIELab	35.10, 16.50, -13.35
CIELCh	35, 21.228, 321.026
Yxy	8.5497, 0.3072, 0.2602
Android (android.graphics.Color)	4284697192 (0xFF634A68)
YUV	84.8950, 9.4188, 12.3701
Hunter-Lab	29.2398, 10.4452, -8.3560

Details

The Hex color **634A68** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **4F684A**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **967B9B**, and **341E39** is the 20% darker color. If you saturate the color by 10%, you get **614068**, and if you desaturate by 10%, it is **655468**.

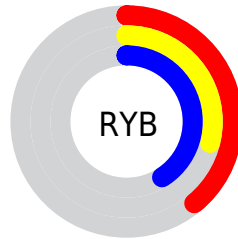
Distribution



Red (39%)

Green (29%)

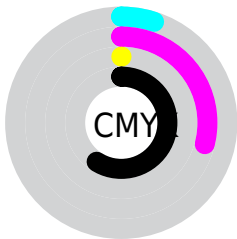
Blue (41%)



Red (39%)

Yellow (29%)

Blue (41%)

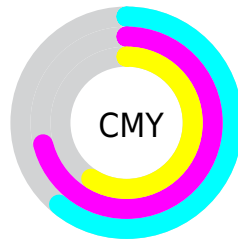


Cyan (5%)

Magenta (29%)

Yellow (0%)

Black (59%)



Cyan (61%)

Magenta (71%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 634A68 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 634A68 by changing the saturation by 10% instead.

634A68

634A68

FFFFFF

4B3350

967B9B

341E39

B195B6

1F0723

CDB0D2

00000C

E9CBEE

000000

FFE7FF

634A68

634A68

614068

655468

603568

665F68

■ 5E2B68

■ 686968

■ 5C2068

■ 6A7468

■ 5A1668

■ 6C7E68

■ 590C68

■ 6D8868

■ 570168

■ 6F9368

■ 570068

■ 719D68

■ 73A868

Harmonies

Analogous

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



4D5072



634A68



704658

Triad

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



634A68



625031



155C5E

Complementary

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



634A68



4F684A

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.



295B4D



634A68



525532

Square

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



634A68



6F4A39



3E593D



185A6C

Rectangle

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



634A68



74464D



3E593D



1B5C58

Sweetspot

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



634A68



857B87



4A4F68



443D45



C4C4C4



454545

Same Dimension

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



634A68



7F5887



684A5E



322E33



600073



CA00F2

Inverse Universe

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



684A4F



875860



4A6854



332E2F



730013



F20028

Previews

White Background



This preview shows how the Hex color 634A68 looks on a white background.

Color Contrast Check

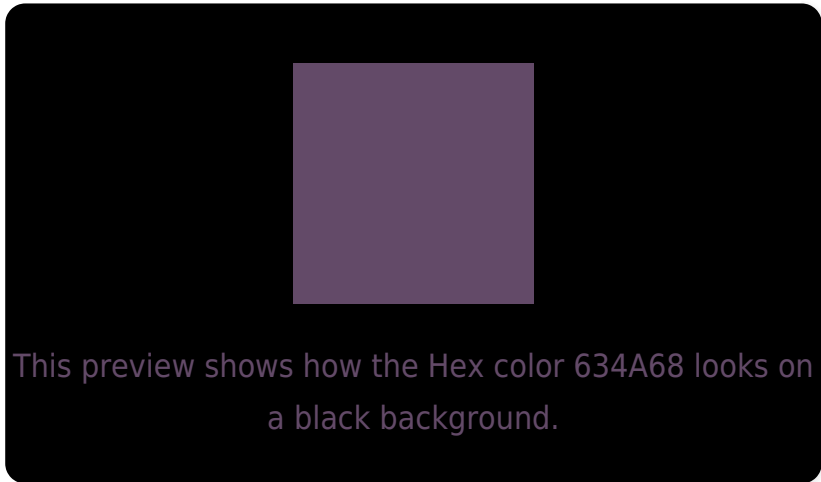
Large Text (above 18pt) WCAG AA ✓ Pass

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

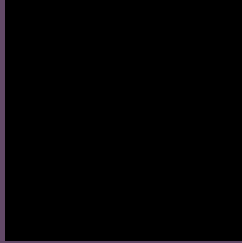
Any Text WCAG AA × Fail

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 634A68 Background



This preview shows how black text looks on a background with the Hex color 634A68.



This preview shows how white text looks on a background with the Hex color 634A68.

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](#).

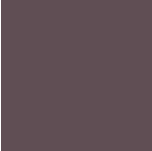
Dichromacy



Original Color
634A68

Protanopia
4B526E

Deuteranopia
515167



Tritanopia
604E54

Trichromacy



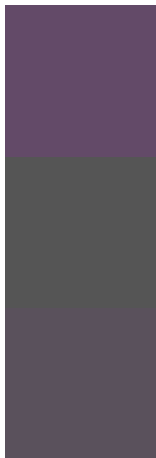
Original Color
634A68

Protanomaly
544F6C

Deuteranomaly
584E67

Tritanomaly
614D5B

Monochromacy



Original Color
634A68

Achromatopsia
555555

Achromatomaly
5A515C

CSS Examples

Text

The CSS property to change the color of the text to Hex 634A68 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 #634A68 looks like.

```
.text, #text, p{  
    color:#634A68  
}
```

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 #634A68 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #634A68
}
```

Border

The CSS property to change the border of an element to Hex 634A68 is called "border". The border property can be set on classes, ids or directly on the HTML element.

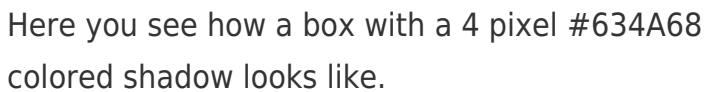
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#634A68 }
```

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

```
.border{ border-color:#634A68 }
```

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



Here you see how a box with a 4 pixel #634A68 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #634A68; -webkit-box-shadow:4px 4px  
4px 4px #634A68; box-shadow:4px 4px 4px  
4px #634A68 }
```

Background

The CSS property to change the background color of an element to Hex 634A68 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#634A68 }
```

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

```
.background{ background-color:#634A68 }
```

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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