

Converting Colors

Hex(634928)

Have a look what the booklet for
Hex(634928) contains.

Hex(634928)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(634928)

Conversions

Conversions Part 1

Format	Color
Hex	634928
RGB	99, 73, 40
RGB Percent	39%, 29%, 16%
CMY	0.6118, 0.7137, 0.8431
CMYK	0.00, 0.26, 0.60, 0.61
HSL	34°, 42%, 27%
HSV	34°, 60%, 39%
XYZ	7.9111, 7.5709, 3.0519
YIQ	77.0120, 26.0890, -4.7510

Conversions

Conversions Part 2

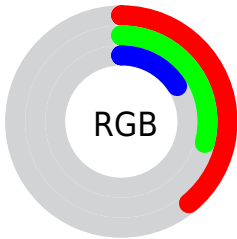
Format	Color
R_YB	86, 99, 40
Decimal	6506792
CIE Lab	33.07, 6.79, 23.86
CIE LCh	33, 24.803, 74.118
Yxy	7.5709, 0.4268, 0.4085
Android (android.graphics.Color)	4284696872 (0xFF634928)
YUV	77.0120, -18.2469, 19.2835
Hunter-Lab	27.5153, 3.1700, 12.6846

Details

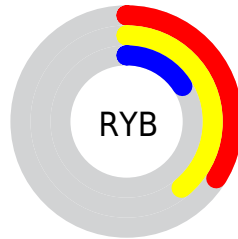
The Hex color **634928** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **284263**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **987956**, and **331D00** is the 20% darker color. If you saturate the color by 10%, you get **63451E**, and if you desaturate by 10%, it is **634D32**.

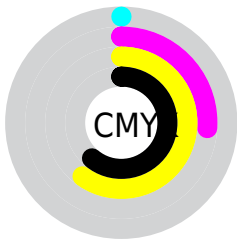
Distribution



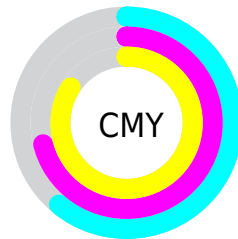
- Red (39%)
- Green (29%)
- Blue (16%)



- Red (34%)
- Yellow (39%)
- Blue (16%)



- Cyan (0%)
- Magenta (26%)
- Yellow (60%)
- Black (61%)



- Cyan (61%)
- Magenta (71%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 634928 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 634928 by changing the saturation by 10% instead.



634928



634928

FFFFFF



4A3313



987956



331D00



B3936F



1A0500



CFAE88



000000



ECC9A3



FFE5BE



FFFFDA



FFFFF6



634928



634928

■ 63451E

■ 634D32

■ 634014

■ 63523C

■ 633C0A

■ 635646

■ 633800

■ 635A50

■ 633700

■ 635F5A

■ 636363

■ 63686D

■ 636C77

■ 637081

Harmonies

Analogous

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



6F4233



634928



515027

Triad

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



634928



005857



5B456A

Complementary

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



634928



284263

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.



3F4D74



634928



005768

Square

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



634928



205742



175373



6D3F59

Rectangle

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



634928



43532C



175373



53486E

Sweetspot

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



634928



807569



632843



403A32



BFBFBF



404040

Same Dimension

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



634928



805724



606328



302E2C



703F00



F08600

Inverse Universe

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



284263



244C80



2B2863



2C2E30



003170



006AF0

Previews

White Background



This preview shows how the Hex color 634928 looks on a white background.

Color Contrast Check

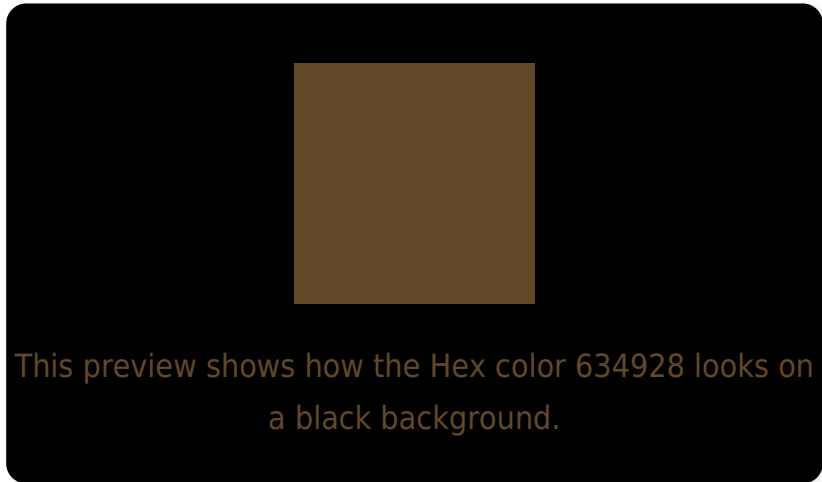
Large Text (above 18pt) WCAG AA ✓ Pass

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 634928 Background



This preview shows how black text looks on a background with the Hex color 634928.



This preview shows how white text looks on a background with the Hex color 634928.

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
634928

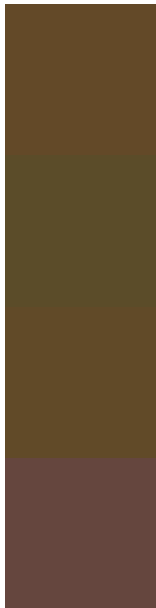
Protanopia
564E2A

Deuteranopia
604A28



Tritanopia
66454A

Trichromacy



Original Color
634928

Protanomaly
5B4C29

Deuteranomaly
614A28

Tritanomaly
65463E

Monochromacy



Original Color
634928

Achromatopsia
4D4D4D

Achromatomaly
554C40

CSS Examples

Text

The CSS property to change the color of the text to Hex 634928 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 #634928 looks like.

```
.text, #text, p{  
    color:#634928  
}
```

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 #634928 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #634928
}
```

Border

The CSS property to change the border of an element to Hex 634928 is called "border". The border property can be set on classes, ids or directly on the HTML element.

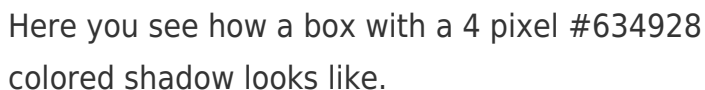
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#634928 }
```

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

```
.border{ border-color:#634928 }
```

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



Here you see how a box with a 4 pixel #634928 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #634928; -webkit-box-shadow:4px 4px  
4px 4px #634928; box-shadow:4px 4px 4px  
4px #634928 }
```

Background

The CSS property to change the background color of an element to Hex 634928 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#634928 }
```

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

```
.background{ background-color:#634928 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor