

# Converting Colors

Hex(673228)

Have a look what the booklet for  
Hex(673228) contains.

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**Color**

**Hex(673228)**

# Conversions

## Conversions Part 1

Format	Color
Hex	673228
RGB	103, 50, 40
RGB Percent	40%, 20%, 16%
CMY	0.5961, 0.8039, 0.8431
CMYK	0.00, 0.51, 0.61, 0.60
HSL	10°, 44%, 28%
HSV	10°, 61%, 40%
XYZ	7.1171, 5.3180, 2.6588
YIQ	64.7070, 34.7980, 8.1260

# Conversions

## Conversions Part 2

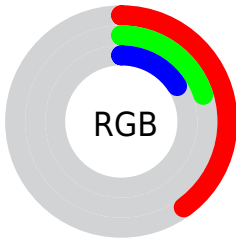
<b>Format</b>	<b>Color</b>
<b>RYB</b>	103, 52, 40
Decimal	6763048
CIELab	27.62, 22.72, 17.19
CIELCh	28, 28.488, 37.106
Yxy	5.3180, 0.4715, 0.3523
Android (android.graphics.Color)	4284953128 (0xFF673228)
YUV	64.7070, -12.1806, 33.5830
Hunter-Lab	23.0607, 14.7334, 9.3065

# Details

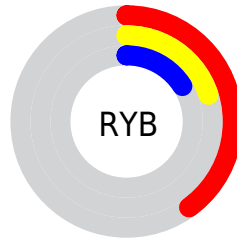
The Hex color **673228** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **285D67**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **9D6255**, and **340500** is the 20% darker color. If you saturate the color by 10%, you get **67291E**, and if you desaturate by 10%, it is **673B32**.

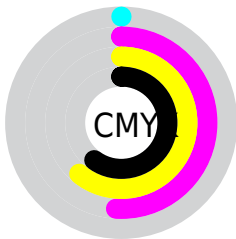
# Distribution



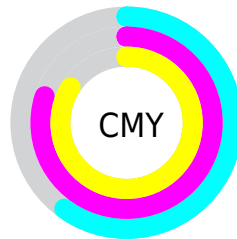
- Red (40%)
- Green (20%)
- Blue (16%)



- Red (40%)
- Yellow (20%)
- Blue (16%)



- Cyan (0%)
- Magenta (51%)
- Yellow (61%)
- Black (60%)



- Cyan (60%)
- Magenta (80%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 673228 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 673228 by changing the saturation by 10% instead.





673228



673228

FFFFFF



4D1C14



9D6255



340500



B97B6E



190001



D69587



000000



F3B0A1



FFCBBC



FFE8D8



FFFFF4



673228



673228

■ 67291E

■ 673B32

■ 672113

■ 67433D

■ 671809

■ 674C47

■ 671000

■ 675551

■ 675D5C

■ 676666

■ 676F70

■ 67777A

■ 678085

# Harmonies

## Analogous

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



692E3D



673228



5B3A18

# Triad

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



673228



0F4B2F



22426D

# Complementary

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



673228



285D67

# 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.



004869



673228



004C46

# Square

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



673228



31471D



004B5B



493964

# Rectangle

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



673228



4F3F13



004B5B



09446D



# Sweetspot

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



673228



87736F



67285E



453836



C4C4C4



454545



# Same Dimension

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



673228



873424



675128



332F2E



731200



F22600



# Inverse Universe

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



285D67



247787



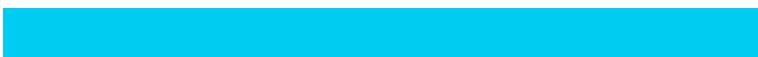
283E67



2E3233



006173



00CCF2



# Previews

## White Background



This preview shows how the Hex color 673228 looks on a white background.

## Color Contrast Check

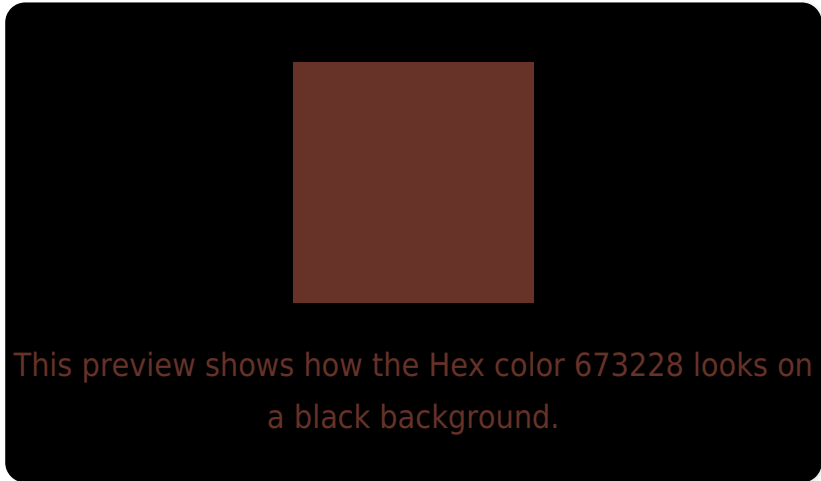
Large Text (above 18pt) WCAG AA ✓ Pass

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

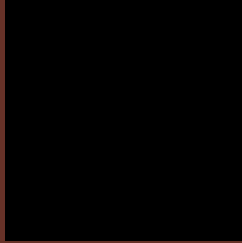
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 673228 Background



This preview shows how black text looks on a background with the Hex color 673228.

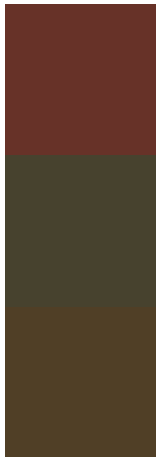


This preview shows how white text looks on a background with the Hex color 673228.

# 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**  
673228

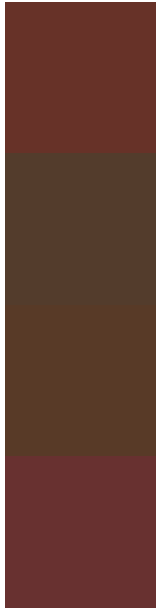
**Protanopia**  
47422E

**Deuteranopia**  
503F26



**Tritanopia**  
683034

# Trichromacy



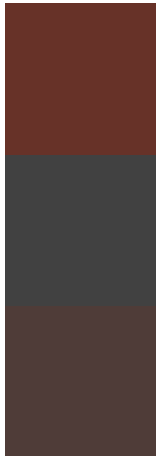
**Original Color**  
673228

**Protanomaly**  
533C2C

**Deuteranomaly**  
583A27

**Tritanomaly**  
683130

# Monochromacy



**Original Color**  
673228

**Achromatopsia**  
414141

**Achromatomaly**  
4F3C38

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 673228 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 #673228 looks like.

```
.text, #text, p{  
    color:#673228  
}
```

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 #673228 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #673228
}
```

## Border

The CSS property to change the border of an element to Hex 673228 is called "border". The border property can be set on classes, ids or directly on the HTML element.

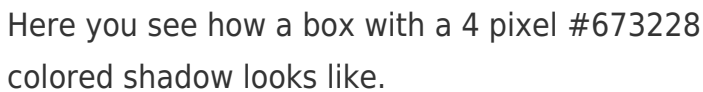
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#673228 }
```

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

```
.border{ border-color:#673228 }
```

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



Here you see how a box with a 4 pixel #673228 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #673228; -webkit-box-shadow:4px 4px  
4px 4px #673228; box-shadow:4px 4px 4px  
4px #673228 }
```

# Background

The CSS property to change the background color of an element to Hex 673228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#673228 }
```

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

```
.background{ background-color:#673228 }
```

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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