

Converting Colors

Hex(674538)

Have a look what the booklet for
Hex(674538) contains.

Hex(674538)	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(674538)

Conversions

Conversions Part 1

Format	Color
Hex	674538
RGB	103, 69, 56
RGB Percent	40%, 27%, 22%
CMY	0.5961, 0.7294, 0.7804
CMYK	0.00, 0.33, 0.46, 0.60
HSL	17°, 30%, 31%
HSV	17°, 46%, 40%
XYZ	8.4354, 7.4253, 4.7300
YIQ	77.6840, 24.4370, 3.1650

Conversions

Conversions Part 2

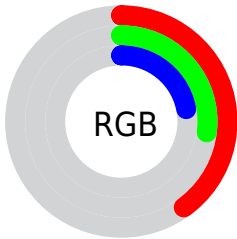
Format	Color
R_{YB}	103, 74, 56
Decimal	6767928
CIE Lab	32.76, 12.87, 13.76
CIE LCh	33, 18.839, 46.900
Yxy	7.4253, 0.4097, 0.3606
Android (android.graphics.Color)	4284958008 (0xFF674538)
YUV	77.6840, -10.6902, 22.2021
Hunter-Lab	27.2495, 7.5706, 8.7829

Details

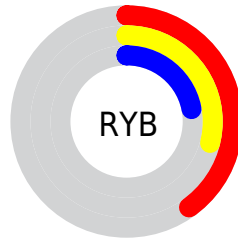
The Hex color **674538** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **385A67**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **9C7567**, and **36190D** is the 20% darker color. If you saturate the color by 10%, you get **673E2E**, and if you desaturate by 10%, it is **674C42**.

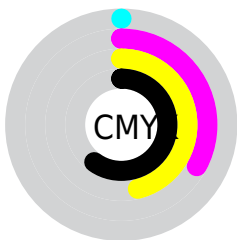
Distribution



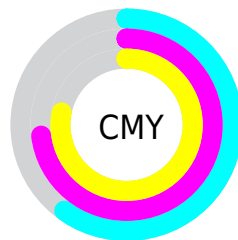
- Red (40%)
- Green (27%)
- Blue (22%)



- Red (40%)
- Yellow (29%)
- Blue (22%)



- Cyan (0%)
- Magenta (33%)
- Yellow (46%)
- Black (60%)



- Cyan (60%)
- Magenta (73%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 674538 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 674538 by changing the saturation by 10% instead.

■ 674538

■ 674538

FFFFFF

■ 4E2F22

■ 9C7567

■ 36190D

■ B78F80

■ 210000

■ D3AA9A

■ 000000

■ F0C5B5

■ FFE1D0

■ FFFEED

■ 674538

■ 674538

■ 673E2E

■ 674C42

■ 673623

■ 67544D

■ 672F19

■ 675B57

■ 67270F

■ 676361

■ 672004

■ 676A6C

■ 671C00

■ 677276

■ 677980

■ 67818A

■ 678895

Harmonies

Analogous

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



6B4245



674538



5D4A30

Triad

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



674538



2C5546



464C69

Complementary

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



674538



385A67

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.



2F506A



674538



1C5555

Square

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



674538



3E5338



1C5462



594661

Rectangle

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



674538



544D2F



1C5462



3E4D6A

Sweetspot

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



674538



877974



67385A



453C39



C4C4C4



454545

Same Dimension

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



674538



87513D



675C38



332F2E



732000



F24300

Inverse Universe

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



385A67



3D7387



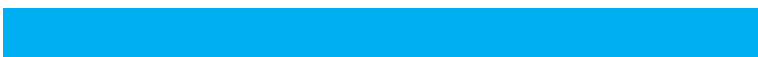
384367



2E3233



005373



00AFF2

Previews

White Background



This preview shows how the Hex color 674538 looks on a white background.

Color Contrast Check

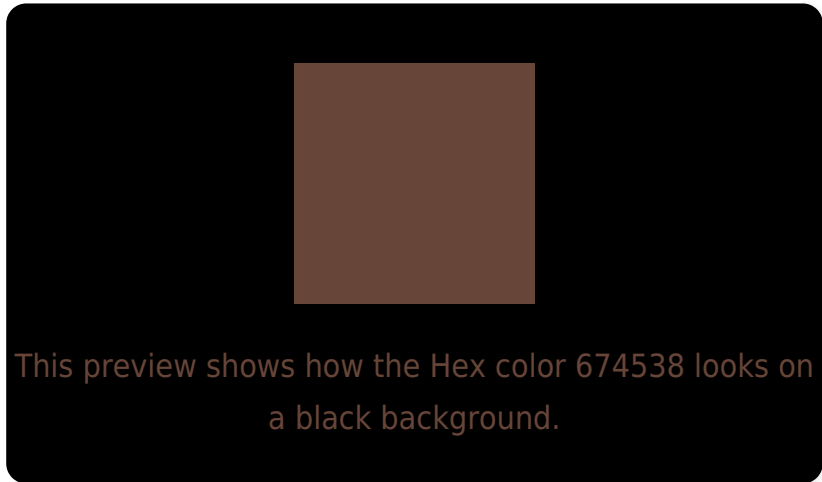
Large Text (above 18pt) WCAG AA ✓ Pass

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 674538 Background



This preview shows how black text looks on a background with the Hex color 674538.

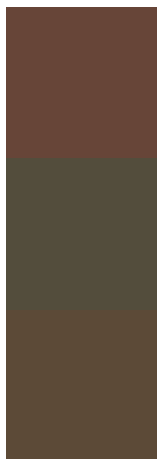


This preview shows how white text looks on a background with the Hex color 674538.

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
674538

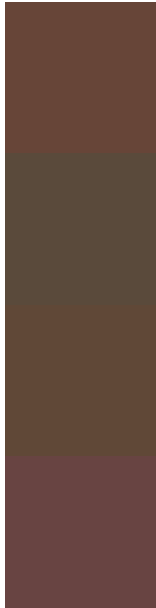
Protanopia
534D3C

Deuteranopia
5C4A37



Tritanopia
684348

Trichromacy



Original Color
674538

Protanomaly
5A4A3B

Deuteranomaly
604837

Tritanomaly
684442

Monochromacy



Original Color
674538

Achromatopsia
4E4E4E

Achromatomaly
574B46

CSS Examples

Text

The CSS property to change the color of the text to Hex 674538 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 #674538 looks like.

```
.text, #text, p{  
    color:#674538  
}
```

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 #674538 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #674538  
}
```

Border

The CSS property to change the border of an element to Hex 674538 is called "border". The border property can be set on classes, ids or directly on the HTML element.

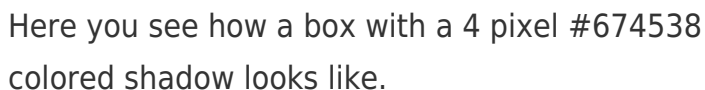
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#674538 }
```

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

```
.border{ border-color:#674538 }
```

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



Here you see how a box with a 4 pixel #674538 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #674538; -webkit-box-shadow:4px 4px  
4px 4px #674538; box-shadow:4px 4px 4px  
4px #674538 }
```

Background

The CSS property to change the background color of an element to Hex 674538 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#674538 }
```

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

```
.background{ background-color:#674538 }
```

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