

Converting Colors

Hex(754545)

Have a look what the booklet for
Hex(754545) contains.

Hex(754545)	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(754545)

Conversions

Conversions Part 1

Format	Color
Hex	754545
RGB	117, 69, 69
RGB Percent	46%, 27%, 27%
CMY	0.5412, 0.7294, 0.7294
CMYK	0.00, 0.41, 0.41, 0.54
HSL	0°, 26%, 36%
HSV	0°, 41%, 46%
XYZ	10.5384, 8.4678, 6.7092
YIQ	83.3520, 28.6080, 10.1760

Conversions

Conversions Part 2

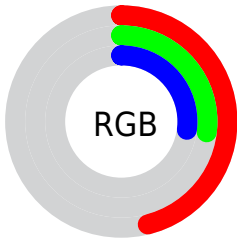
Format	Color
R_{YB}	117, 69, 69
Decimal	7685445
CIE Lab	34.94, 20.64, 8.83
CIE LCh	35, 22.451, 23.161
Yxy	8.4678, 0.4098, 0.3293
Android (android.graphics.Color)	4285875525 (0xFF754545)
YUV	83.3520, -7.0755, 29.5093
Hunter-Lab	29.0995, 13.7198, 6.6997

Details

The Hex color **754545** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **457575**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **AB7675**, and **42181A** is the 20% darker color. If you saturate the color by 10%, you get **753939**, and if you desaturate by 10%, it is **755151**.

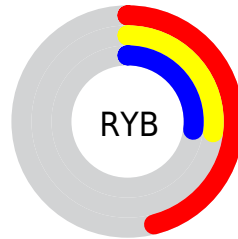
Distribution



Red (46%)

Green (27%)

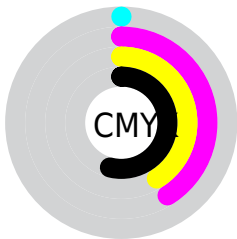
Blue (27%)



Red (46%)

Yellow (27%)

Blue (27%)

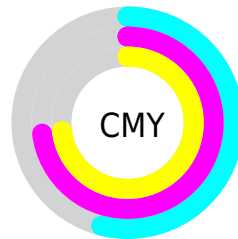


Cyan (0%)

Magenta (41%)

Yellow (41%)

Black (54%)



Cyan (54%)

Magenta (73%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 754545 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 754545 by changing the saturation by 10% instead.

 754545

 754545

FFFFFF

 5B2E2F

 AB7675

 42181A

 C7908F

 2C0100

 E3AAA9

 000000

 FFC6C4

 FFE2E0

FFFFFFD

 754545

 754545

 753939

 755151

 752E2E

 755C5C

 752222

 756868

 751616

 757474

 750B0B

 758080

 750000

 758B8B

 759797

 75A3A3

 75AEAE

Harmonies

Analogous

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



724557



754545



6F4936

Triad

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



754545



3B593C



315575

Complementary

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



754545



457575

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.



10596E



754545



235B4D

Square

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



754545



505531



085C60



4E4F73

Rectangle

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



754545



674E30



085C60



265774

Sweetspot

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



754545



998787



754575



4D4242



CCCCCC



4D4D4D

Same Dimension

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



754545



994E4E



755D45



3B3535



7A0000



FA0000

Inverse Universe

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



457575



4E9999



455D75



353B3B



007A7A



00FAFA

Previews

White Background



This preview shows how the Hex color 754545 looks on a white background.

Color Contrast Check

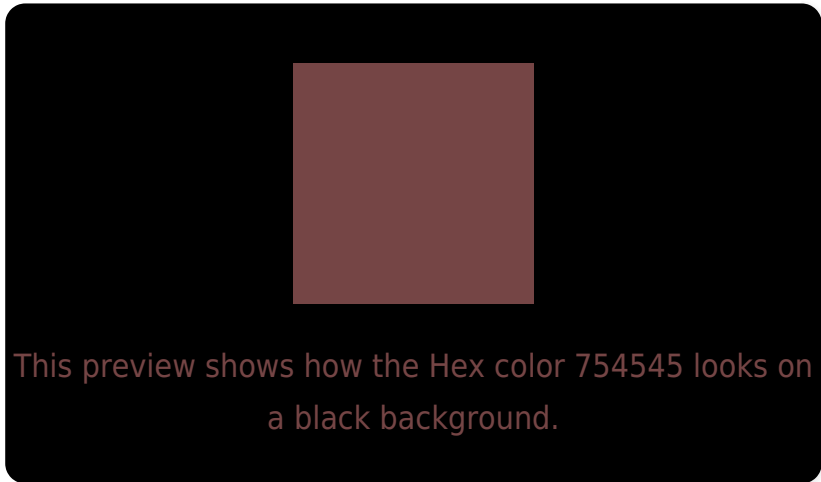
Large Text (above 18pt) WCAG AA ✓ Pass

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

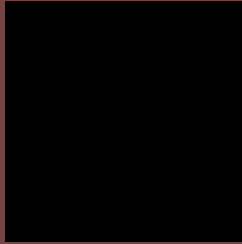
Any Text WCAG AA × Fail

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 754545 Background



This preview shows how black text looks on a background with the Hex color 754545.

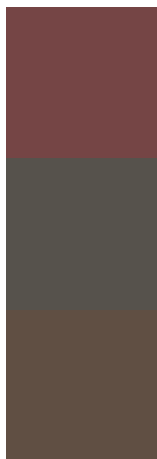


This preview shows how white text looks on a background with the Hex color 754545.

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
754545

Protanopia
56524C

Deuteranopia
604F43



Tritanopia
754449

Trichromacy



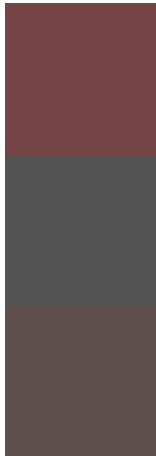
Original Color
754545

Protanomaly
614D49

Deuteranomaly
684B44

Tritanomaly
754448

Monochromacy



Original Color
754545

Achromatopsia
535353

Achromatomaly
5F4E4E

CSS Examples

Text

The CSS property to change the color of the text to Hex 754545 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 #754545 looks like.

```
.text, #text, p{  
    color:#754545  
}
```

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 #754545 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #754545
}
```

Border

The CSS property to change the border of an element to Hex 754545 is called "border". The border property can be set on classes, ids or directly on the HTML element.

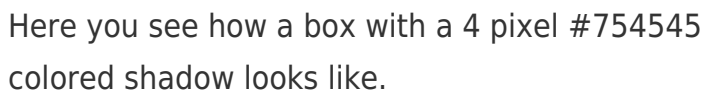
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#754545 }
```

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

```
.border{ border-color:#754545 }
```

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



Here you see how a box with a 4 pixel #754545 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #754545; -webkit-box-shadow:4px 4px  
4px 4px #754545; box-shadow:4px 4px 4px  
4px #754545 }
```

Background

The CSS property to change the background color of an element to Hex 754545 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#754545 }
```

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

```
.background{ background-color:#754545 }
```

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