

Converting Colors

Hex(784545)

Have a look what the booklet for
Hex(784545) contains.

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Color

Hex(784545)

Conversions

Conversions Part 1

Format	Color
Hex	784545
RGB	120, 69, 69
RGB Percent	47%, 27%, 27%
CMY	0.5294, 0.7294, 0.7294
CMYK	0.00, 0.43, 0.43, 0.53
HSL	0°, 27%, 37%
HSV	0°, 43%, 47%
XYZ	10.9480, 8.6790, 6.7284
YIQ	84.2490, 30.3960, 10.8120

Conversions

Conversions Part 2

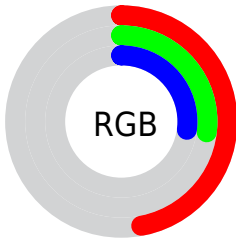
Format	Color
R_{YB}	120, 69, 69
Decimal	7882053
CIE _{Lab}	35.36, 21.90, 9.48
CIE _{LCh}	35, 23.867, 23.401
Yxy	8.6790, 0.4154, 0.3293
Android (android.graphics.Color)	4286072133 (0xFF784545)
YUV	84.2490, -7.5178, 31.3536
Hunter-Lab	29.4601, 14.7793, 7.0808

Details

The Hex color **784545** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **457878**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **AE7675**, and **45181A** is the 20% darker color. If you saturate the color by 10%, you get **783939**, and if you desaturate by 10%, it is **785151**.

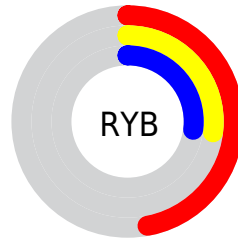
Distribution



Red (47%)

Green (27%)

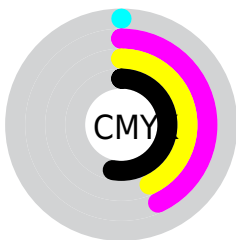
Blue (27%)



Red (47%)

Yellow (27%)

Blue (27%)

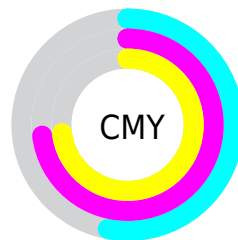


Cyan (0%)

Magenta (43%)

Yellow (43%)

Black (53%)



Cyan (53%)

Magenta (73%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 784545 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 784545 by changing the saturation by 10% instead.

 784545

 784545

FFFFFF

 5E2E2F

 AE7675

 45181A

 CA908F

 2E0100

 E7ABA9

 050000

 FFC6C4

 000000

 FFE2E0

FFFFFFD

 784545

 784545

 783939

 785151

 782D2D

 785D5D

 782121

 786969

 781515

 787575

 780909

 788181

 780000

 788D8D

 789999

 78A5A5

 78B1B1

Harmonies

Analogous

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



754458



784545



714A35

Triad

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



784545



3A5B3C



2F5679

Complementary

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



784545



457878

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.



035B71



784545



1F5D4E

Square

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



784545



50572F



005D62



4F5076

Rectangle

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



784545



694E2F



005D62



225877

Sweetspot

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



784545



9C8787



784578



4F4242



CFCFCF



4F4F4F

Same Dimension

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



784545



9C4C4C



785E45



3D3737



7D0000



FC0000

Inverse Universe

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



457878



4C9C9C



455E78



373D3D



007D7D



00FCFC

Previews

White Background



This preview shows how the Hex color 784545 looks on a white background.

Color Contrast Check

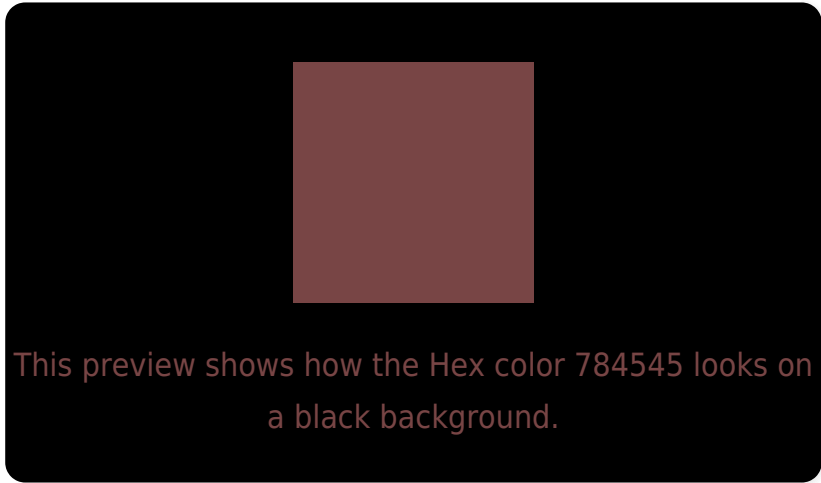
Large Text (above 18pt) WCAG AA ✓ Pass

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 784545 Background



This preview shows how black text looks on a background with the Hex color 784545.



This preview shows how white text looks on a background with the Hex color 784545.

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
784545

Protanopia
57534C

Deuteranopia
615043



Tritanopia
784449

Trichromacy



Original Color
784545

Protanomaly
634E49

Deuteranomaly
694C44

Tritanomaly
784448

Monochromacy



Original Color
784545

Achromatopsia
545454

Achromatomaly
614F4F

CSS Examples

Text

The CSS property to change the color of the text to Hex 784545 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 #784545 looks like.

```
.text, #text, p{  
    color:#784545  
}
```

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 #784545 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #784545
}
```

Border

The CSS property to change the border of an element to Hex 784545 is called "border". The border property can be set on classes, ids or directly on the HTML element.

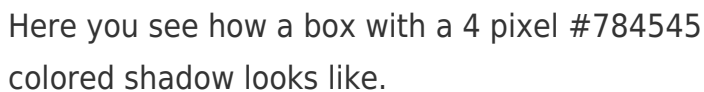
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#784545 }
```

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

```
.border{ border-color:#784545 }
```

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



Here you see how a box with a 4 pixel #784545 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #784545; -webkit-box-shadow:4px 4px  
4px 4px #784545; box-shadow:4px 4px 4px  
4px #784545 }
```

Background

The CSS property to change the background color of an element to Hex 784545 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#784545 }
```

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

```
.background{ background-color:#784545 }
```

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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