

Converting Colors

Hex(553747)

Have a look what the booklet for
Hex(553747) contains.

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Color

Hex(553747)

Conversions

Conversions Part 1

Format	Color
Hex	553747
RGB	85, 55, 71
RGB Percent	33%, 22%, 28%
CMY	0.6667, 0.7843, 0.7216
CMYK	0.00, 0.35, 0.16, 0.67
HSL	328°, 21%, 27%
HSV	328°, 35%, 33%
XYZ	6.2498, 5.1186, 6.6198
YIQ	65.7940, 12.7440, 11.3360

Conversions

Conversions Part 2

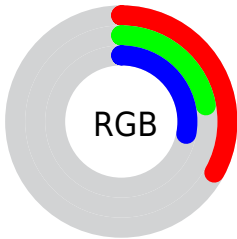
Format	Color
R_{YB}	85, 55, 71
Decimal	5584711
CIE Lab	27.07, 16.17, -4.38
CIE LCh	27, 16.749, 344.826
Yxy	5.1186, 0.3474, 0.2846
Android (android.graphics.Color)	4283774791 (0xFF553747)
YUV	65.7940, 2.5666, 16.8437
Hunter-Lab	22.6243, 9.7169, -1.5111

Details

The Hex color **553747** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **375545**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **876677**, and **270C1C** is the 20% darker color. If you saturate the color by 10%, you get **552F43**, and if you desaturate by 10%, it is **553F4B**.

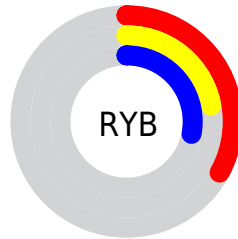
Distribution



 Red (33%)

 Green (22%)

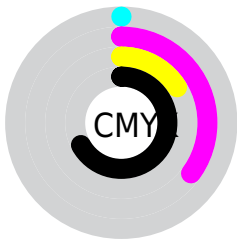
 Blue (28%)



 Red (33%)

 Yellow (22%)

 Blue (28%)

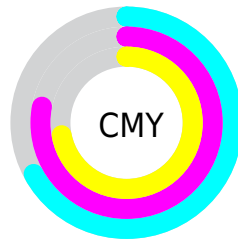


 Cyan (0%)

 Magenta (35%)

 Yellow (16%)

 Black (67%)



 Cyan (67%)

 Magenta (78%)

 Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 553747 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 553747 by changing the saturation by 10% instead.

■ 553747

■ 553747

FFFFFF

■ 3D2131

■ 876677

■ 270C1C

■ A27F91

■ 090000

■ BD9AAC

■ 000000

■ D9B4C7

■ F5D0E3

■ FFECFF

■ 553747

■ 553747

■ 552F43

■ 553F4B

■ 55263F

■ 55484F

■ 551E3B

■ 555053

■ 551537

■ 555957

■ 550D33

■ 55625B

■ 55042F

■ 556A5F

■ 55002D

■ 557263

■ 557B67

■ 55846B

Harmonies

Analogous

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



4A3A52



553747



59363A

Triad

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



553747



424127



154652

Complementary

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



553747



375545

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.



174746



553747



34452D

Square

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



553747



4E3D27



254639



244358

Rectangle

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



553747



583832



254639



13464E

Sweetspot

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



553747



6E6268



453755



383135



B8B8B8



383838

Same Dimension

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



553747



6E4058



553738



2B2729



6B0039



EB007D

Inverse Universe

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



553747



6E4058



375554



2B2729



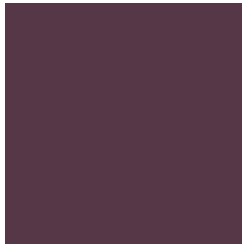
6B0039



EB007D

Previews

White Background



This preview shows how the Hex color 553747 looks on a white background.

Color Contrast Check

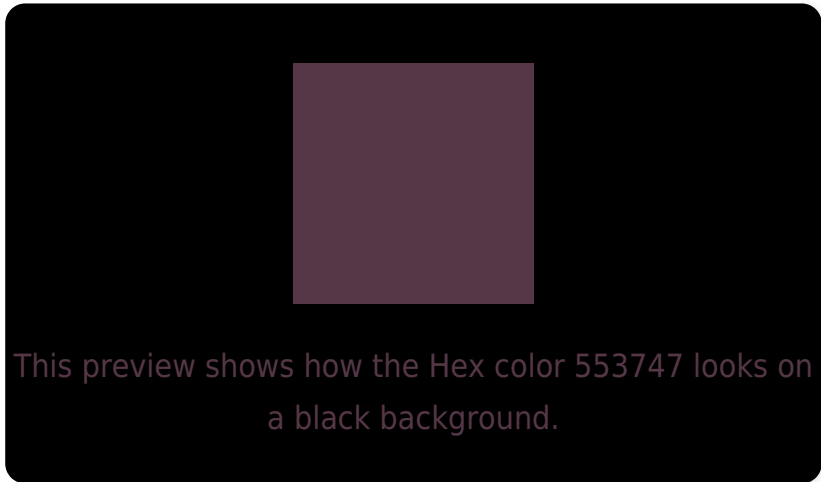
Large Text (above 18pt) WCAG AA ✓ Pass

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

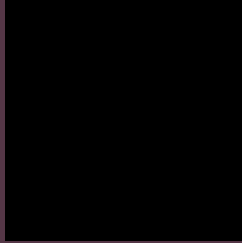
Any Text WCAG AA × Fail

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 553747 Background



This preview shows how black text looks on a background with the Hex color 553747.



This preview shows how white text looks on a background with the Hex color 553747.

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
553747

Protanopia
3E404D

Deuteranopia
443E46



Tritanopia
54393D

Trichromacy



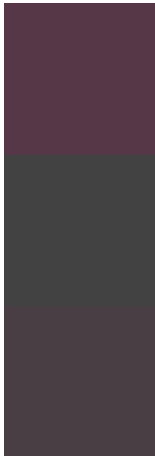
Original Color
553747

Protanomaly
463D4B

Deuteranomaly
4A3B46

Tritanomaly
543841

Monochromacy



Original Color
553747

Achromatopsia
424242

Achromatomaly
493E44

CSS Examples

Text

The CSS property to change the color of the text to Hex 553747 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 #553747 looks like.

```
.text, #text, p{  
    color:#553747  
}
```

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 #553747 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #553747
}
```

Border

The CSS property to change the border of an element to Hex 553747 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".

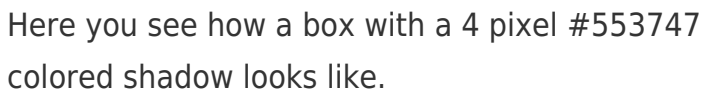
```
.border, #border, table{ border:4px solid
#553747 }
```

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

```
.border{ border-color:#553747 }
```

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

Here you see how a box with a 4 pixel #553747 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #553747; -webkit-box-shadow:4px 4px  
4px 4px #553747; box-shadow:4px 4px 4px  
4px #553747 }
```

Background

The CSS property to change the background color of an element to Hex 553747 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#553747 }
```

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

```
.background{ background-color:#553747 }
```

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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