

Converting Colors

Hex(553C5D)

Have a look what the booklet for
Hex(553C5D) contains.

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Color

Hex(553C5D)

Conversions

Conversions Part 1

Format	Color
Hex	553C5D
RGB	85, 60, 93
RGB Percent	33%, 24%, 36%
CMY	0.6667, 0.7647, 0.6353
CMYK	0.09, 0.35, 0.00, 0.64
HSL	285°, 22%, 30%
HSV	285°, 35%, 36%
XYZ	7.3380, 5.9533, 11.1183
YIQ	71.2370, 4.3070, 15.5630

Conversions

Conversions Part 2

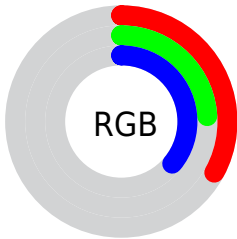
Format	Color
R_{YB}	85, 60, 93
Decimal	5586013
CIE _{Lab}	29.29, 17.67, -15.39
CIE _{LCh}	29, 23.430, 318.949
Yxy	5.9533, 0.3006, 0.2439
Android (android.graphics.Color)	4283776093 (0xFF553C5D)
YUV	71.2370, 10.7292, 12.0702
Hunter-Lab	24.3994, 10.9836, -9.9375

Details

The Hex color **553C5D** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **445D3C**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **876C8F**, and **27112F** is the 20% darker color. If you saturate the color by 10%, you get **53335D**, and if you desaturate by 10%, it is **57455D**.

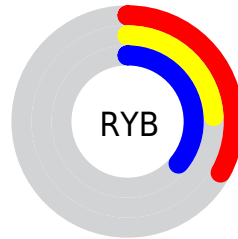
Distribution



Red (33%)

Green (24%)

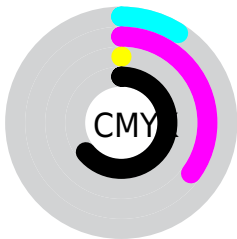
Blue (36%)



Red (33%)

Yellow (24%)

Blue (36%)

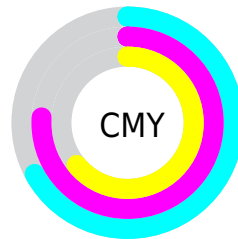


Cyan (9%)

Magenta (35%)

Yellow (0%)

Black (64%)



Cyan (67%)

Magenta (76%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 553C5D 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 553C5D by changing the saturation by 10% instead.

■ 553C5D

■ 553C5D

FFFFFF

■ 3D2645

■ 876C8F

■ 27112F

■ A285AA

■ 13001B

■ BD9FC5

■ 000000

■ D9BAE1

■ F5D6FE

■ FFF3FF

■ 553C5D

■ 553C5D

■ 53335D

■ 57455D

■ 50295D

■ 5A4F5D

■ 4E205D

■ 5C585D

■ 4C175D

■ 5E615D

■ 4A0E5D

■ 606B5D

■ 47045D

■ 63745D

■ 46005D

■ 657D5D

■ 67865D

■ 69905D

Harmonies

Analogous

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



3C4367



553C5D



64374D

Triad

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



553C5D



564221



004E50

Complementary

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



553C5D



445D3C

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.



154E3D



553C5D



454822

Square

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



553C5D



633B2A



304C2C



004D60

Rectangle

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



553C5D



683640



304C2C



004F4A

Sweetspot

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



553C5D



756B78



3C445D



3B353D



BDBDBD



3D3D3D

Same Dimension

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



553C5D



6B4478



5D3C55



2D292E



53006E



B400ED

Inverse Universe

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



5D3C44



784451



3C5D44



2E292A



6E001B



ED0039

Previews

White Background



This preview shows how the Hex color 553C5D looks on a white background.

Color Contrast Check

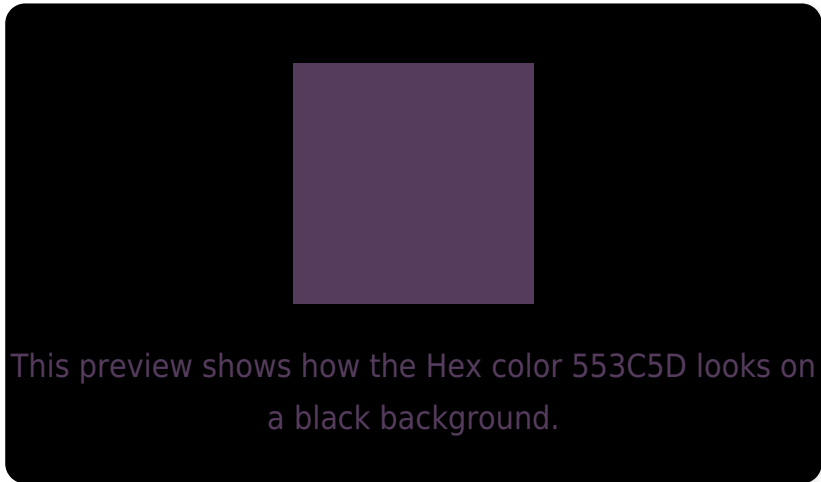
Large Text (above 18pt) WCAG AA ✓ Pass

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

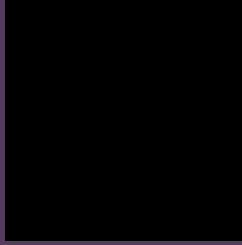
Any Text WCAG AA × Fail

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 553C5D Background



This preview shows how black text looks on a background with the Hex color 553C5D.



This preview shows how white text looks on a background with the Hex color 553C5D.

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
553C5D

Protanopia
3B4463

Deuteranopia
40445B



Tritanopia
524146

Trichromacy



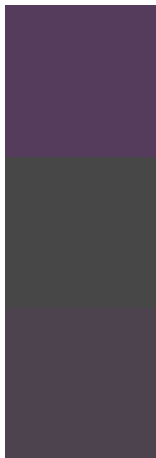
Original Color
553C5D

Protanomaly
444161

Deuteranomaly
48415C

Tritanomaly
533F4E

Monochromacy



Original Color
553C5D

Achromatopsia
474747

Achromatomaly
4C434F

CSS Examples

Text

The CSS property to change the color of the text to Hex 553C5D 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 #553C5D looks like.

```
.text, #text, p{  
    color:#553C5D  
}
```

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 #553C5D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #553C5D
}
```

Border

The CSS property to change the border of an element to Hex 553C5D is called "border". The border property can be set on classes, ids or directly on the HTML element.

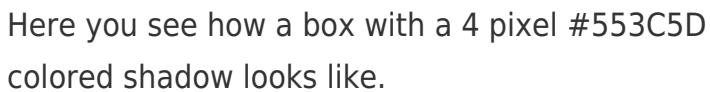
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#553C5D }
```

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

```
.border{ border-color:#553C5D }
```

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



Here you see how a box with a 4 pixel #553C5D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #553C5D; -webkit-box-shadow:4px 4px  
4px 4px #553C5D; box-shadow:4px 4px 4px  
4px #553C5D }
```

Background

The CSS property to change the background color of an element to Hex 553C5D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#553C5D }
```

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

```
.background{ background-color:#553C5D }
```

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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