

# Converting Colors

Hex(553D52)

Have a look what the booklet for  
Hex(553D52) contains.

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# Color

Hex(553D52)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	553D52
RGB	85, 61, 82
RGB Percent	33%, 24%, 32%
CMY	0.6667, 0.7608, 0.6784
CMYK	0.00, 0.28, 0.04, 0.67
HSL	308°, 16%, 29%
HSV	308°, 28%, 33%
XYZ	6.9380, 5.8780, 8.7515
YIQ	70.5700, 7.5630, 11.6190

# Conversions

## Conversions Part 2

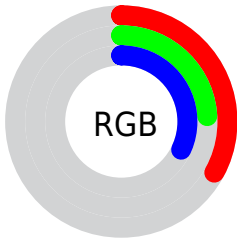
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	85, 61, 82
Decimal	5586258
CIE <sub>Lab</sub>	29.10, 14.56, -8.55
CIE <sub>LCh</sub>	29, 16.881, 329.573
Yxy	5.8780, 0.3217, 0.2725
Android (android.graphics.Color)	4283776338 (0xFF553D52)
YUV	70.5700, 5.6350, 12.6551
Hunter-Lab	24.2445, 8.6533, -4.4307

# Details

The Hex color **553D52** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3D5540**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **876D83**, and **271225** is the 20% darker color. If you saturate the color by 10%, you get **553451**, and if you desaturate by 10%, it is **554553**.

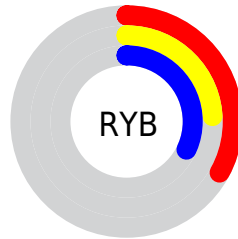
# Distribution



 Red (33%)

 Green (24%)

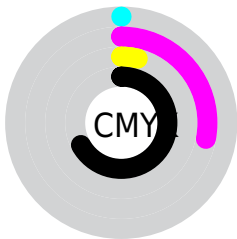
 Blue (32%)



 Red (33%)

 Yellow (24%)

 Blue (32%)

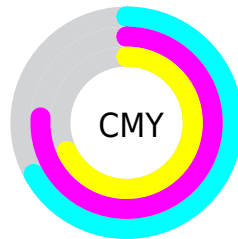


 Cyan (0%)

 Magenta (28%)

 Yellow (4%)

 Black (67%)



 Cyan (67%)

 Magenta (76%)

 Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 553D52 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 553D52 by changing the saturation by 10% instead.





553D52



553D52

FFFFFF



3E273B



876D83



271225



A1869D



120010



BCA0B8



000000



D8BBD4



F5D7F0



FFF4FF



553D52



553D52



553451



554553

■ 552C50

■ 554E54

■ 55234F

■ 555655

■ 551B4E

■ 555F56

■ 55124D

■ 556757

■ 550A4C

■ 557058

■ 55024B

■ 557859

■ 55004A

■ 55815A

■ 55895C

# Harmonies

## Analogous

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



46415B



553D52



5D3B45

# Triad

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



553D52



4E442A



184B51

# Complementary

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



553D52



3D5540

# 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.



224C44



553D52



40482E

# Square

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



553D52



583F2F



314A37



20495B

# Rectangle

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



553D52



5F3B3C



314A37



1A4C4D



# Sweetspot

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



553D52



6E656D



403D55



383237



B8B8B8



383838



# Same Dimension

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



553D52



6E4869



553D46



2B272B



6B005E



EB00CD



# Inverse Universe

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



553D52



6E4869



3D554C



2B272B



6B005E



EB00CD



# Previews

## White Background



This preview shows how the Hex color 553D52 looks on a white background.

## Color Contrast Check

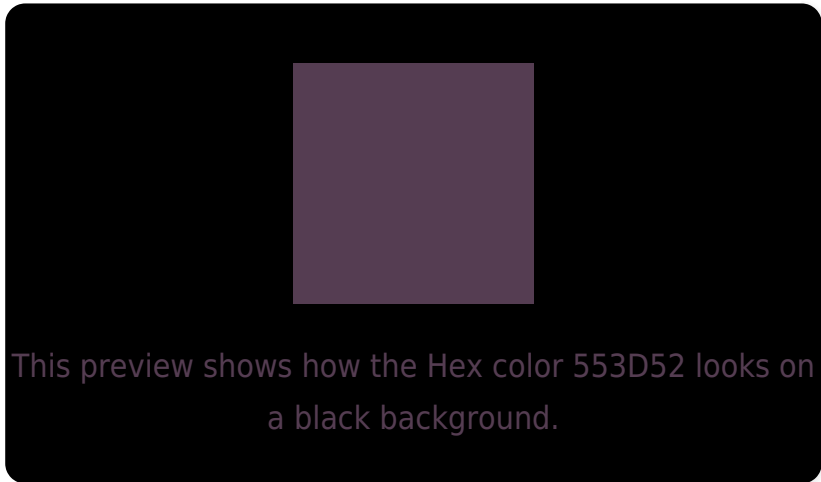
Large Text (above 18pt) WCAG AA ✓ Pass

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

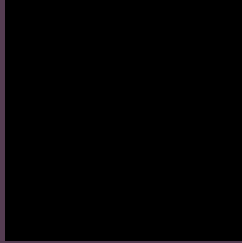
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 553D52 Background



This preview shows how black text looks on a background with the Hex color 553D52.



This preview shows how white text looks on a background with the Hex color 553D52.

# 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**  
553D52

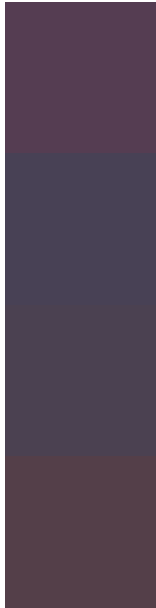
**Protanopia**  
404457

**Deuteranopia**  
464351



**Tritanopia**  
534044

# Trichromacy



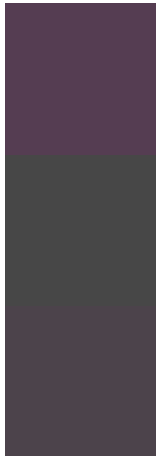
**Original Color**  
553D52

**Protanomaly**  
484155

**Deuteranomaly**  
4B4151

**Tritanomaly**  
543F49

# Monochromacy



**Original Color**  
553D52

**Achromatopsia**  
474747

**Achromatomaly**  
4C434B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 553D52 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 #553D52 looks like.

```
.text, #text, p{  
    color:#553D52  
}
```

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 #553D52 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #553D52
}
```

## Border

The CSS property to change the border of an element to Hex 553D52 is called "border". The border property can be set on classes, ids or directly on the HTML element.

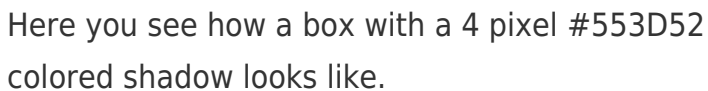
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#553D52 }
```

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

```
.border{ border-color:#553D52 }
```

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



Here you see how a box with a 4 pixel #553D52 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #553D52; -webkit-box-shadow:4px 4px  
4px 4px #553D52; box-shadow:4px 4px 4px  
4px #553D52 }
```

# Background

The CSS property to change the background color of an element to Hex 553D52 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#553D52 }
```

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

```
.background{ background-color:#553D52 }
```

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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