

Converting Colors

Hex(553E71)

Have a look what the booklet for
Hex(553E71) contains.

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Color

Hex(553E71)

Conversions

Conversions Part 1

Format	Color
Hex	553E71
RGB	85, 62, 113
RGB Percent	33%, 24%, 44%
CMY	0.6667, 0.7569, 0.5569
CMYK	0.25, 0.45, 0.00, 0.56
HSL	267°, 29%, 34%
HSV	267°, 45%, 44%
XYZ	8.4496, 6.5688, 16.4453
YIQ	74.6910, -2.6630, 20.7370

Conversions

Conversions Part 2

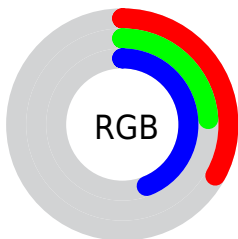
Format	Color
R_{YB}	85, 62, 113
Decimal	5586545
CIE _{Lab}	30.80, 21.41, -25.81
CIE _{LCh}	31, 33.536, 309.673
Yxy	6.5688, 0.2685, 0.2088
Android (android.graphics.Color)	4283776625 (0xFF553E71)
YUV	74.6910, 18.8863, 9.0410
Hunter-Lab	25.6297, 13.9959, -20.1028

Details

The Hex color **553E71** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **5A713E**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **886EA5**, and **261341** is the 20% darker color. If you saturate the color by 10%, you get **4F3371**, and if you desaturate by 10%, it is **5B4971**.

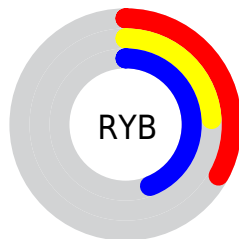
Distribution



Red (33%)

Green (24%)

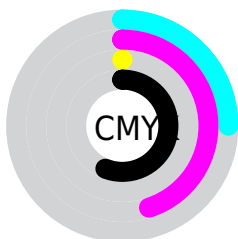
Blue (44%)



Red (33%)

Yellow (24%)

Blue (44%)

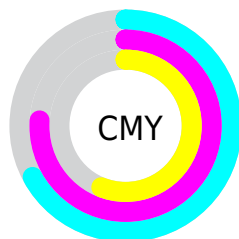


Cyan (25%)

Magenta (45%)

Yellow (0%)

Black (56%)



Cyan (67%)

Magenta (76%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 553E71 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 553E71 by changing the saturation by 10% instead.

■ 553E71

■ 553E71

FFFFFF

■ 3D2858

■ 886EA5

■ 261341

■ A388C0

■ 14002B

■ BEA2DC

■ 000115

■ DABDF9

■ 000000

■ F7D9FF

■ FFF5FF

■ 553E71

■ 553E71

■ 4F3371

■ 5B4971

■ 492771

■ 615571

■ 421C71

■ 686071

■ 3C1171

■ 6E6B71

■ 360571

■ 747671

■ 330071

■ 7A8271

■ 808D71

■ 879871

■ 8DA471

Harmonies

Analogous

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



25497C



553E71



6F345B

Triad

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



553E71



654116



005550

Complementary

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



553E71



5A713E

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.



005435



553E71



4F4A10

Square

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



553E71



743728



32501E



005469

Rectangle

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



553E71



77314A



32501E



005547

Sweetspot

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



553E71



897F94



3E5A71



433D4A



C9C9C9



4A4A4A

Same Dimension

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



553E71



684494



6E3E71



353238



360078



7000F7

Inverse Universe

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



713E5A



944470



41713E



383236



780042



F70088

Previews

White Background



This preview shows how the Hex color 553E71 looks on a white background.

Color Contrast Check

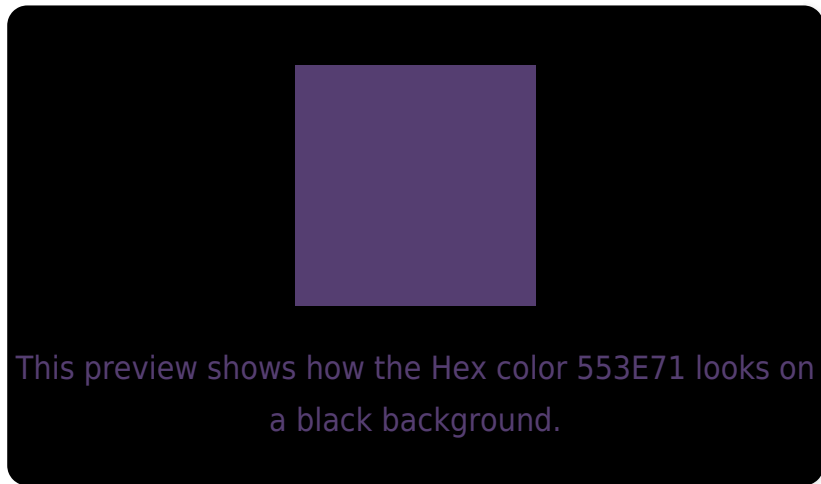
Large Text (above 18pt) WCAG AA ✓ Pass

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

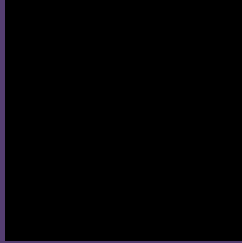
Any Text WCAG AA × Fail

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 553E71 Background



This preview shows how black text looks on a background with the Hex color 553E71.

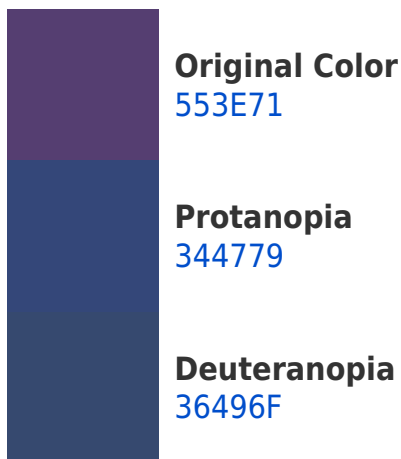



This preview shows how white text looks on a background with the Hex color 553E71.

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





Tritanopia
4E464C

Trichromacy



Original Color
553E71

Protanomaly
404476

Deuteranomaly
414570

Tritanomaly
514359

Monochromacy



Original Color
553E71

Achromatopsia
4B4B4B

Achromatomaly
4F4659

CSS Examples

Text

The CSS property to change the color of the text to Hex 553E71 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 #553E71 looks like.

```
.text, #text, p{  
    color:#553E71  
}
```

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 #553E71 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #553E71  
}
```

Border

The CSS property to change the border of an element to Hex 553E71 is called "border". The border property can be set on classes, ids or directly on the HTML element.

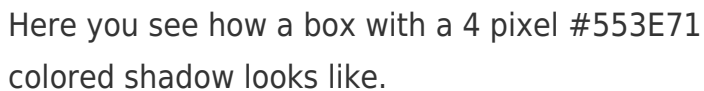
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#553E71 }
```

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

```
.border{ border-color:#553E71 }
```

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



Here you see how a box with a 4 pixel #553E71 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #553E71; -webkit-box-shadow:4px 4px  
4px 4px #553E71; box-shadow:4px 4px 4px  
4px #553E71 }
```

Background

The CSS property to change the background color of an element to Hex 553E71 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#553E71 }
```

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

```
.background{ background-color:#553E71 }
```

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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