

Converting Colors

Hex(553C60)

Have a look what the booklet for
Hex(553C60) contains.

Hex(553C60)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(553C60)

Conversions

Conversions Part 1

Format	Color
Hex	553C60
RGB	85, 60, 96
RGB Percent	33%, 24%, 38%
CMY	0.6667, 0.7647, 0.6235
CMYK	0.11, 0.37, 0.00, 0.62
HSL	282°, 23%, 31%
HSV	282°, 38%, 38%
XYZ	7.4735, 6.0075, 11.8320
YIQ	71.5790, 3.3440, 16.4960

Conversions

Conversions Part 2

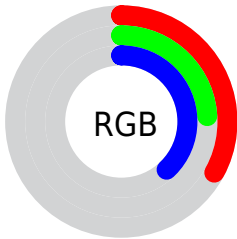
Format	Color
R_{YB}	85, 60, 96
Decimal	5586016
CIE _{Lab}	29.43, 18.38, -17.11
CIE _{LCh}	29, 25.112, 317.051
Yxy	6.0075, 0.2952, 0.2373
Android (android.graphics.Color)	4283776096 (0xFF553C60)
YUV	71.5790, 12.0396, 11.7702
Hunter-Lab	24.5103, 11.5339, -11.4642

Details

The Hex color **553C60** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **47603C**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **876C93**, and **271132** is the 20% darker color. If you saturate the color by 10%, you get **523260**, and if you desaturate by 10%, it is **584660**.

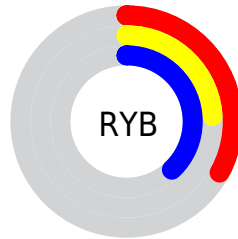
Distribution



 Red (33%)

 Green (24%)

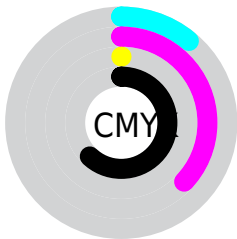
 Blue (38%)




 Red (33%)

 Yellow (24%)

 Blue (38%)

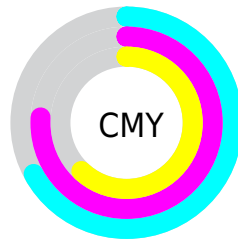



 Cyan (11%)


 Magenta (37%)

 Yellow (0%)

 Black (62%)



 Cyan (67%)

 Magenta (76%)

 Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 553C60 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 553C60 by changing the saturation by 10% instead.

■ 553C60

■ 553C60

FFFFFF

■ 3D2648

■ 876C93

■ 271132

■ A285AD

■ 14001D

■ BD9FC9

■ 000000

■ D9BAE5

■ F5D6FF

■ FFF3FF

■ 553C60

■ 553C60

■ 523260

■ 584660

■ 4F2960

■ 5B4F60

■ 4C1F60

■ 5E5960

■ 491660

■ 616260

■ 460C60

■ 646C60

■ 430260

■ 677660

■ 430060

■ 6A7F60

■ 6C8960

■ 6F9260

Harmonies

Analogous

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



3A436A



553C60



65364F

Triad

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



553C60



58411F



004F50

Complementary

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



553C60



47603C

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.



114F3C



553C60



46481F

Square

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



553C60



653A2A



304C2A



004E61

Rectangle

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



553C60



6A3541



304C2A



004F49

Sweetspot

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



553C60



796F7D



3C4760



3D3740



BFBFBF



404040

Same Dimension

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



553C60



6C457D



603C59



2F2C30



4E0070



A600F0

Inverse Universe

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



603C47



7D4556



3C6043



302C2D



700022



F00049

Previews

White Background



This preview shows how the Hex color 553C60 looks on a white background.

Color Contrast Check

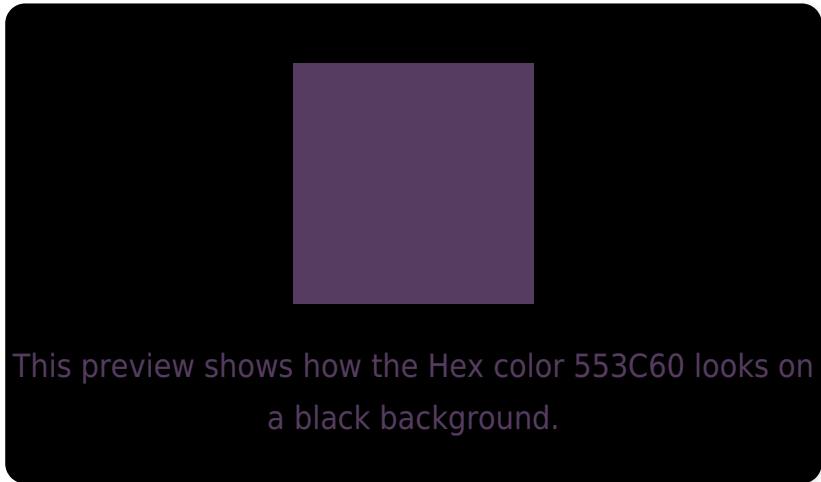
Large Text (above 18pt) WCAG AA ✓ Pass

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

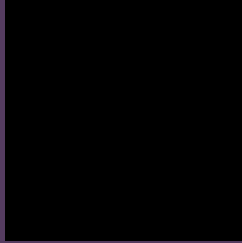
Any Text WCAG AA × Fail

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 553C60 Background



This preview shows how black text looks on a background with the Hex color 553C60.



This preview shows how white text looks on a background with the Hex color 553C60.

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](#).

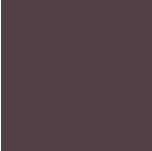
Dichromacy



Original Color
553C60

Protanopia
3A4467

Deuteranopia
3E455E



Tritanopia
514146

Trichromacy



Original Color
553C60

Protanomaly
444164

Deuteranomaly
46425F

Tritanomaly
523F4F

Monochromacy



Original Color
553C60

Achromatopsia
484848

Achromatomaly
4D4451

CSS Examples

Text

The CSS property to change the color of the text to Hex 553C60 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 #553C60 looks like.

```
.text, #text, p{  
    color:#553C60  
}
```

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 #553C60 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #553C60
}
```

Border

The CSS property to change the border of an element to Hex 553C60 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
#553C60 }
```

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

```
.border{ border-color:#553C60 }
```

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

Here you see how a box with a 4 pixel #553C60 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #553C60; -webkit-box-shadow:4px 4px  
4px 4px #553C60; box-shadow:4px 4px 4px  
4px #553C60 }
```

Background

The CSS property to change the background color of an element to Hex 553C60 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#553C60 }
```

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

```
.background{ background-color:#553C60 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor