

Converting Colors

Hex(553968)

Have a look what the booklet for
Hex(553968) contains.

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Color

Hex(553968)

Conversions

Conversions Part 1

Format	Color
Hex	553968
RGB	85, 57, 104
RGB Percent	33%, 22%, 41%
CMY	0.6667, 0.7765, 0.5922
CMYK	0.18, 0.45, 0.00, 0.59
HSL	276°, 29%, 32%
HSV	276°, 45%, 41%
XYZ	7.7081, 5.8570, 13.8210
YIQ	70.7300, 1.6010, 20.5530

Conversions

Conversions Part 2

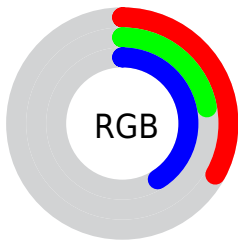
Format	Color
R_{YB}	85, 57, 104
Decimal	5585256
CIE _{Lab}	29.05, 22.25, -22.84
CIE _{LCh}	29, 31.887, 314.245
Yxy	5.8570, 0.2815, 0.2139
Android (android.graphics.Color)	4283775336 (0xFF553968)
YUV	70.7300, 16.4021, 12.5148
Hunter-Lab	24.2013, 14.5001, -16.9186

Details

The Hex color **553968** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **4C6839**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **88699B**, and **260E39** is the 20% darker color. If you saturate the color by 10%, you get **512F68**, and if you desaturate by 10%, it is **594368**.

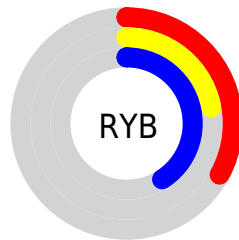
Distribution



Red (33%)

Green (22%)

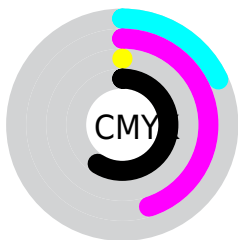
Blue (41%)



Red (33%)

Yellow (22%)

Blue (41%)

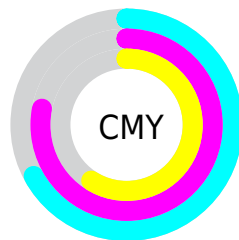


Cyan (18%)

Magenta (45%)

Yellow (0%)

Black (59%)



Cyan (67%)

Magenta (78%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 553968 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 553968 by changing the saturation by 10% instead.

■ 553968

■ 553968

FFFFFF

■ 3D2350

■ 88699B

■ 260E39

■ A282B6

■ 130023

■ BE9CD2

■ 00000A

■ DAB7EE

■ 000000

■ F6D3FF

■ FFEFFF

■ 553968

■ 553968

■ 512F68

■ 594368

4D2468

5D4E68

481A68

625868

440F68

666368

400568

6A6D68

3E0068

6E7768

728268

778C68

7B9768

Harmonies

Analogous

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



2D4374



553968



6B3052

Triad

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



553968



5D3F13



005150

Complementary

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



553968



4C6839

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.



005036



553968



474711

Square

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



553968



6C3523



2B4D1F



004F66

Rectangle

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



553968



712E42



2B4D1F



005047

Sweetspot

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



553968



807487



394D68



403945



C4C4C4



454545

Same Dimension

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



553968



6A3E87



683964



312E33



440073



9000F2

Inverse Universe

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



68394C



873E5C



39683D



332E30



73002E



F20062

Previews

White Background



This preview shows how the Hex color 553968 looks on a white background.

Color Contrast Check

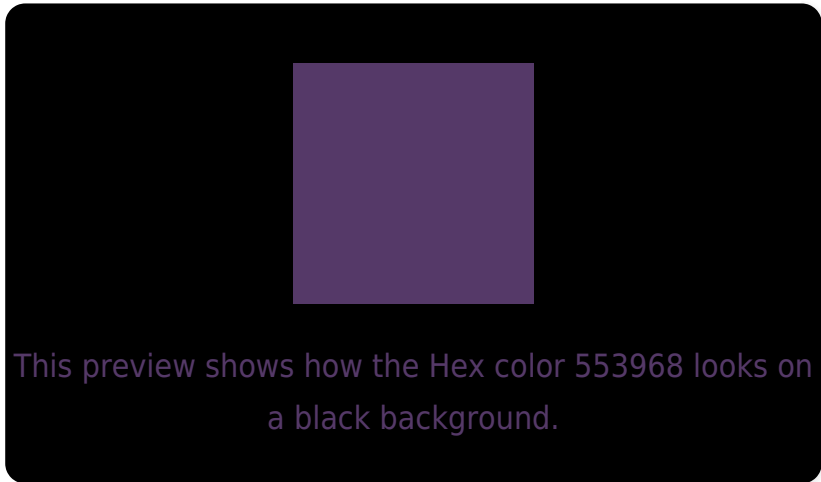
Large Text (above 18pt) WCAG AA ✓ Pass

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

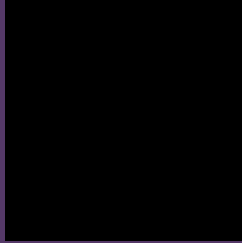
Any Text WCAG AA × Fail

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 553968 Background



This preview shows how black text looks on a background with the Hex color 553968.




This preview shows how white text looks on a background with the Hex color 553968.

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
4F4146

Trichromacy



Original Color
553968

Protanomaly
3F3F6E

Deuteranomaly
414067

Tritanomaly
513E52

Monochromacy



Original Color
553968

Achromatopsia
474747

Achromatomaly
4C4253

CSS Examples

Text

The CSS property to change the color of the text to Hex 553968 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 #553968 looks like.

```
.text, #text, p{  
    color:#553968  
}
```

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 #553968 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #553968
}
```

Border

The CSS property to change the border of an element to Hex 553968 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".

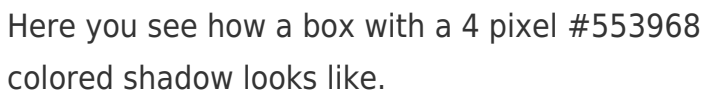
```
.border, #border, table{ border:4px solid
#553968 }
```

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

```
.border{ border-color:#553968 }
```

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

Here you see how a box with a 4 pixel #553968 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #553968; -webkit-box-shadow:4px 4px  
4px 4px #553968; box-shadow:4px 4px 4px  
4px #553968 }
```

Background

The CSS property to change the background color of an element to Hex 553968 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#553968 }
```

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

```
.background{ background-color:#553968 }
```

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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