

Converting Colors

Hex(533766)

Have a look what the booklet for
Hex(533766) contains.

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Color

Hex(533766)

Conversions

Conversions Part 1

Format	Color
Hex	533766
RGB	83, 55, 102
RGB Percent	33%, 22%, 40%
CMY	0.6745, 0.7843, 0.6000
CMYK	0.19, 0.46, 0.00, 0.60
HSL	276°, 30%, 31%
HSV	276°, 46%, 40%
XYZ	7.3317, 5.5307, 13.2515
YIQ	68.7300, 1.6010, 20.5530

Conversions

Conversions Part 2

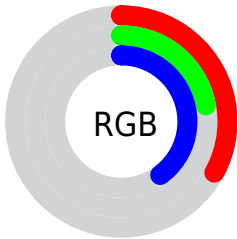
Format	Color
R_{YB}	83, 55, 102
Decimal	5453670
CIE _{Lab}	28.20, 22.34, -22.91
CIE _{LCh}	28, 32.003, 314.278
Yxy	5.5307, 0.2808, 0.2118
Android (android.graphics.Color)	4283643750 (0xFF533766)
YUV	68.7300, 16.4021, 12.5148
Hunter-Lab	23.5174, 14.4933, -16.9463

Details

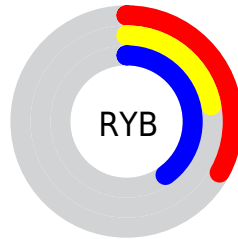
The Hex color **533766** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **4A6637**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **866799**, and **240C37** is the 20% darker color. If you saturate the color by 10%, you get **4F2D66**, and if you desaturate by 10%, it is **574166**.

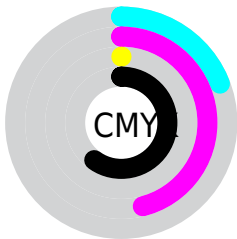
Distribution



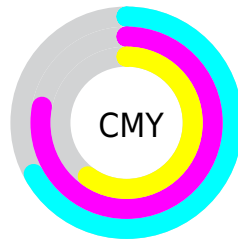
- Red (33%)
- Green (22%)
- Blue (40%)



- Red (33%)
- Yellow (22%)
- Blue (40%)



- Cyan (19%)
- Magenta (46%)
- Yellow (0%)
- Black (60%)



- Cyan (67%)
- Magenta (78%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 533766 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 533766 by changing the saturation by 10% instead.

■ 533766

■ 533766

FFFFFF

■ 3B214E

■ 866799

■ 240C37

■ A080B4

■ 0E0021

■ BB9AD0

■ 000006

■ D7B5EC

■ 000000

■ F4D1FF

■ FFEDFF

■ 533766

■ 533766

■ 4F2D66

■ 574166

■ 4B2366

■ 5B4B66

■ 471866

■ 5F5666

■ 430E66

■ 636066

■ 3E0466

■ 686A66

■ 3D0066

■ 6C7466

■ 707E66

■ 748966

■ 789366

Harmonies

Analogous

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



2B4172



533766



692E51

Triad

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



533766



5A3D11



004F4E

Complementary

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



533766



4A6637

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.



004E34



533766



45450E

Square

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



533766



6A3321



294B1D



004D64

Rectangle

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



533766



6F2C40



294B1D



004E45

Sweetspot

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



533766



7D7285



374B66



3E3742



C2C2C2



424242

Same Dimension

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



533766



673C85



663762



312E33



440073



9000F2

Inverse Universe

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



66374A



853C59



37663B



332E30



73002E



F20062

Previews

White Background



This preview shows how the Hex color 533766 looks on a white background.

Color Contrast Check

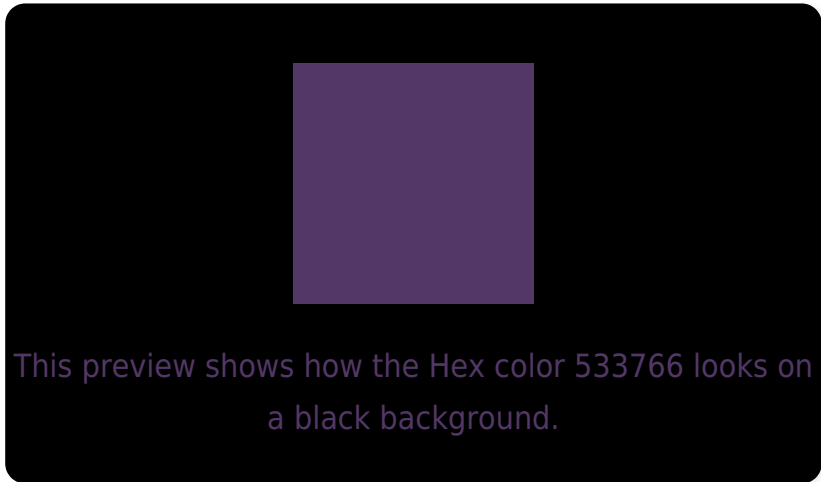
Large Text (above 18pt) WCAG AA ✓ Pass

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

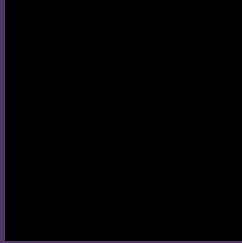
Any Text WCAG AA × Fail

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 533766 Background



This preview shows how black text looks on a background with the Hex color 533766.



This preview shows how white text looks on a background with the Hex color 533766.

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
533766

Protanopia
30416F

Deuteranopia
344264



Tritanopia
4D3F44

Trichromacy



Original Color
533766

Protanomaly
3D3D6C

Deuteranomaly
3F3E65

Tritanomaly
4F3C50

Monochromacy



Original Color
533766

Achromatopsia
454545

Achromatomaly
4A4051

CSS Examples

Text

The CSS property to change the color of the text to Hex 533766 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 #533766 looks like.

```
.text, #text, p{  
    color:#533766  
}
```

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 #533766 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #533766
}
```

Border

The CSS property to change the border of an element to Hex 533766 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".

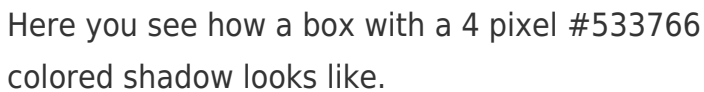
```
.border, #border, table{ border:4px solid
#533766 }
```

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

```
.border{ border-color:#533766 }
```

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

Here you see how a box with a 4 pixel #533766 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #533766; -webkit-box-shadow:4px 4px  
4px 4px #533766; box-shadow:4px 4px 4px  
4px #533766 }
```

Background

The CSS property to change the background color of an element to Hex 533766 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#533766 }
```

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

```
.background{ background-color:#533766 }
```

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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