

Converting Colors

Hex(533F7B)

Have a look what the booklet for
Hex(533F7B) contains.

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Color

Hex(533F7B)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 533F7B |
| RGB | 83, 63, 123 |
| RGB Percent | 33%, 25%, 48% |
| CMY | 0.6745, 0.7529, 0.5176 |
| CMYK | 0.33, 0.49, 0.00, 0.52 |
| HSL | 260°, 32%, 36% |
| HSV | 260°, 49%, 48% |
| XYZ | 8.9199, 6.8241, 19.5859 |
| YIQ | 75.8200, -7.3400, 22.9000 |

Conversions

Conversions Part 2

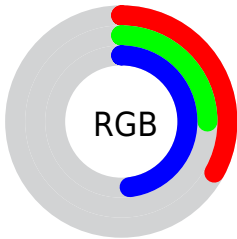
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 83, 63, 123 |
| Decimal | 5455739 |
| CIE _{Lab} | 31.40, 22.90, -31.17 |
| CIE _{LCh} | 31, 38.675, 306.299 |
| Yxy | 6.8241, 0.2525, 0.1932 |
| Android (android.graphics.Color) | 4283645819 (0xFF533F7B) |
| YUV | 75.8200, 23.2597, 6.2969 |
| Hunter-Lab | 26.1229, 15.2355, -26.1672 |

Details

The Hex color **533F7B** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **677B3F**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **866FB0**, and **22144A** is the 20% darker color. If you saturate the color by 10%, you get **4B337B**, and if you desaturate by 10%, it is **5B4B7B**.

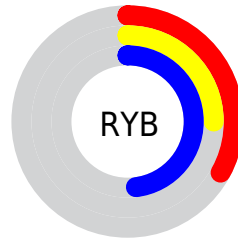
Distribution



 Red (33%)

 Green (25%)

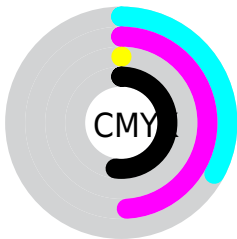
 Blue (48%)



 Red (33%)

 Yellow (25%)

 Blue (48%)

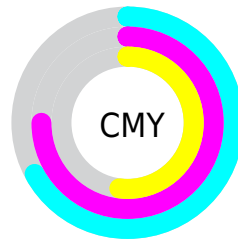


 Cyan (33%)

 Magenta (49%)

 Yellow (0%)

 Black (52%)



 Cyan (67%)

 Magenta (75%)

 Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 533F7B 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 533F7B by changing the saturation by 10% instead.

■ 533F7B

■ 533F7B

FFFFFF

■ 3A2962

■ 866FB0

■ 22144A

■ A189CB

■ 0F0033

■ BDA3E8

■ 00021D

■ D9BEFF

■ 000000

■ F6DAFF

■ FFF7FF

■ 533F7B

■ 533F7B

■ 4B337B

■ 5B4B7B

43267B

63587B

3A1A7B

6C647B

320E7B

74707B

2A027B

7C7D7B

29007B

84897B

8C957B

95A17B

9DAE7B

Harmonies

Analogous

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



034B86



533F7B



733263

Triad

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



533F7B



6C3F0F



005850

Complementary

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



533F7B



677B3F

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.



005630



533F7B



534B04

Square

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



533F7B



7C3328



335214



00576D

Rectangle

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



533F7B



7E2D4F



335214



005845

Sweetspot

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



533F7B



9189A1



3F677B



484352



D1D1D1



525252

Same Dimension

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



533F7B



6142A1



713F7B



39373D



2A007D



5400FC

Inverse Universe

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



7B3F67



A14281



497B3F



3D373B



7D0053



FC00A8

Previews

White Background



This preview shows how the Hex color 533F7B looks on a white background.

Color Contrast Check

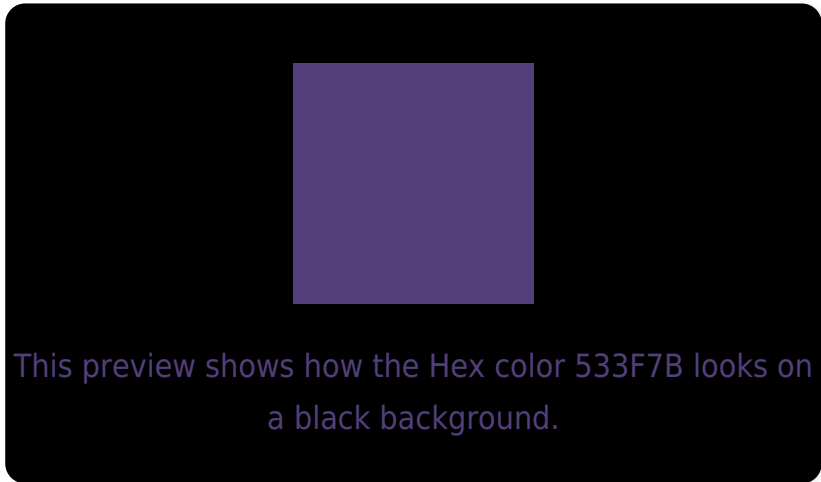
Large Text (above 18pt) WCAG AA ✓ Pass

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

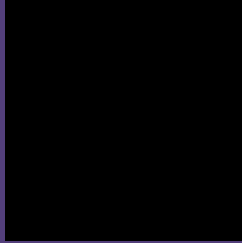
Any Text WCAG AA × Fail

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 533F7B Background



This preview shows how black text looks on a background with the Hex color 533F7B.

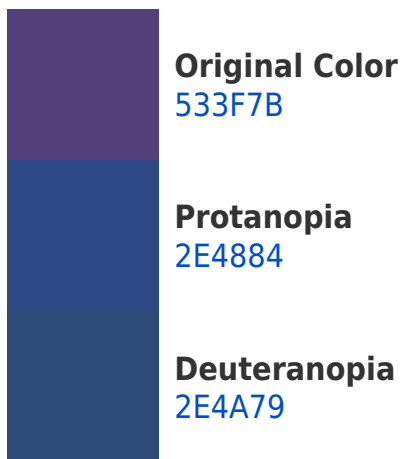



This preview shows how white text looks on a background with the Hex color 533F7B.

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
4A494F

Trichromacy



Original Color
533F7B

Protanomaly
3B4581

Deuteranomaly
3B467A

Tritanomaly
4D455F

Monochromacy



Original Color
533F7B

Achromatopsia
4C4C4C

Achromatomaly
4F475D

CSS Examples

Text

The CSS property to change the color of the text to Hex 533F7B 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 #533F7B looks like.

```
.text, #text, p{  
    color:#533F7B  
}
```

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 #533F7B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #533F7B
}
```

Border

The CSS property to change the border of an element to Hex 533F7B 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
#533F7B }
```

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

```
.border{ border-color:#533F7B }
```

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

Here you see how a box with a 4 pixel #533F7B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #533F7B; -webkit-box-shadow:4px 4px  
4px 4px #533F7B; box-shadow:4px 4px 4px  
4px #533F7B }
```

Background

The CSS property to change the background color of an element to Hex 533F7B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#533F7B }
```

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

```
.background{ background-color:#533F7B }
```

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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