

Converting Colors

Hex(555981)

Have a look what the booklet for
Hex(555981) contains.

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Color

Hex(555981)

Conversions

Conversions Part 1

Format	Color
Hex	555981
RGB	85, 89, 129
RGB Percent	33%, 35%, 51%
CMY	0.6667, 0.6510, 0.4941
CMYK	0.34, 0.31, 0.00, 0.49
HSL	235°, 21%, 42%
HSV	235°, 34%, 51%
XYZ	11.2811, 10.6610, 22.2321
YIQ	92.3640, -15.2240, 11.5920

Conversions

Conversions Part 2

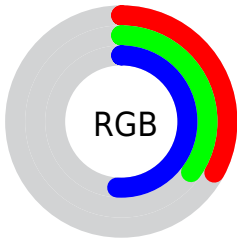
Format	Color
R_{YB}	85, 89, 129
Decimal	5593473
CIE _{Lab}	39.00, 8.64, -22.94
CIE _{LCh}	39, 24.509, 290.632
Yxy	10.6610, 0.2554, 0.2413
Android (android.graphics.Color)	4283783553 (0xFF555981)
YUV	92.3640, 18.0615, -6.4582
Hunter-Lab	32.6512, 4.5328, -17.5144

Details

The Hex color **555981** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **817D55**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **888BB6**, and **252C50** is the 20% darker color. If you saturate the color by 10%, you get **484D81**, and if you desaturate by 10%, it is **626581**.

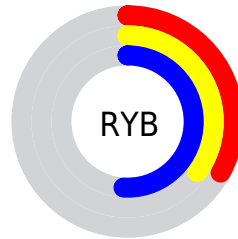
Distribution



Red (33%)

Green (35%)

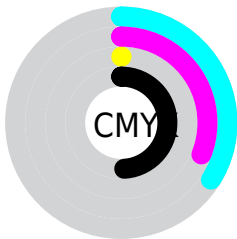
Blue (51%)



Red (33%)

Yellow (35%)

Blue (51%)

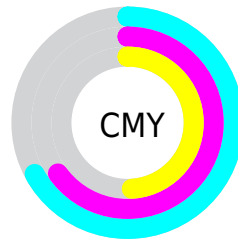


Cyan (34%)

Magenta (31%)

Yellow (0%)

Black (49%)



Cyan (67%)

Magenta (65%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 555981 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 555981 by changing the saturation by 10% instead.

■ 555981

■ 555981

FFFFFF

■ 3D4268

■ 888BB6

■ 252C50

■ A3A5D2

■ 0D1738

■ BEC0EE

■ 000023

■ DADCFF

■ 00000A

■ F7F9FF

■ 000000

■ 555981

■ 555981

■ 484D81

■ 626581

■ 3B4281

■ 6F7081

■ 2E3681

■ 7C7C81

■ 212A81

■ 898881

■ 141E81

■ 969481

■ 081381

■ A29F81

■ 000C81

■ AFAB81

■ BCB781

■ C9C381

Harmonies

Analogous

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



346083



555981



6F5275

Triad

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



555981



7D523E



2A6655

Complementary

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



555981



817D55

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.



446442



555981



6E5934

Square

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



555981



834D4F



5B5F36



0A6669

Rectangle

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



555981



7A4E6A



5B5F36



33654E

Sweetspot

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



555981



9799A8



55817D



4A4B54



D4D4D4



545454

Same Dimension

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



555981



636AA8



675581



393A40



000C80



000000

Inverse Universe

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



815559



A8636A



6F8155



40393A



80000C



000000

Previews

White Background



This preview shows how the Hex color 555981 looks on a white background.

Color Contrast Check

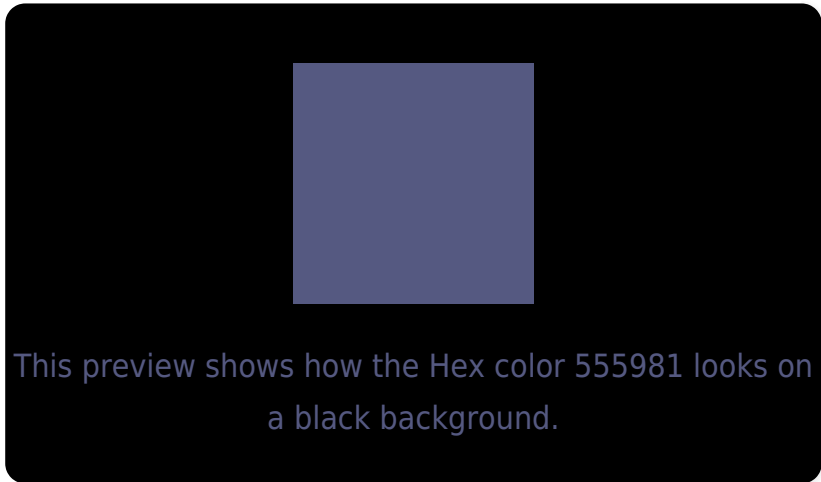
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

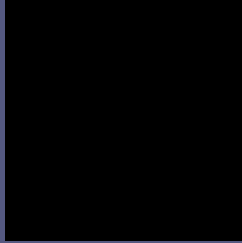
Any Text WCAG AA × Fail

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 555981 Background



This preview shows how black text looks on a background with the Hex color 555981.



This preview shows how white text looks on a background with the Hex color 555981.

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
555981

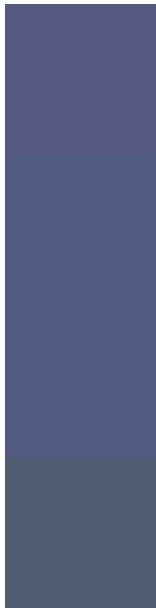
Protanopia
4F5A82

Deuteranopia
4F5B81



Tritanopia
4F5E66

Trichromacy



Original Color
555981

Protanomaly
515A82

Deuteranomaly
515A81

Tritanomaly
515C70

Monochromacy



Original Color
555981

Achromatopsia
5C5C5C

Achromatomaly
595B69

CSS Examples

Text

The CSS property to change the color of the text to Hex 555981 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 #555981 looks like.

```
.text, #text, p{  
    color:#555981  
}
```

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 #555981 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #555981
}
```

Border

The CSS property to change the border of an element to Hex 555981 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
#555981 }
```

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

```
.border{ border-color:#555981 }
```

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

Here you see how a box with a 4 pixel #555981 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #555981; -webkit-box-shadow:4px 4px  
4px 4px #555981; box-shadow:4px 4px 4px  
4px #555981 }
```

Background

The CSS property to change the background color of an element to Hex 555981 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#555981 }
```

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

```
.background{ background-color:#555981 }
```

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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