

Converting Colors

Hex(574683)

Have a look what the booklet for
Hex(574683) contains.

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Color

Hex(574683)

Conversions

Conversions Part 1

Format	Color
Hex	574683
RGB	87, 70, 131
RGB Percent	34%, 27%, 51%
CMY	0.6588, 0.7255, 0.4863
CMYK	0.34, 0.47, 0.00, 0.49
HSL	257°, 30%, 39%
HSV	257°, 47%, 51%
XYZ	10.2174, 8.0452, 22.4871
YIQ	82.0370, -9.4490, 22.5750

Conversions

Conversions Part 2

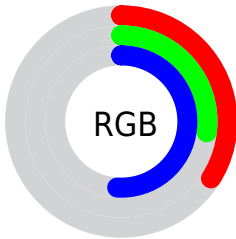
Format	Color
R_{YB}	87, 70, 131
Decimal	5719683
CIE _{Lab}	34.08, 21.89, -31.88
CIE _{LCh}	34, 38.672, 304.478
Yxy	8.0452, 0.2507, 0.1974
Android (android.graphics.Color)	4283909763 (0xFF574683)
YUV	82.0370, 24.1388, 4.3526
Hunter-Lab	28.3641, 14.6623, -27.1502

Details

The Hex color **574683** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **728346**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **8B77B8**, and **261A51** is the 20% darker color. If you saturate the color by 10%, you get **4E3983**, and if you desaturate by 10%, it is **605383**.

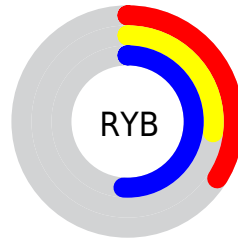
Distribution



Red (34%)

Green (27%)

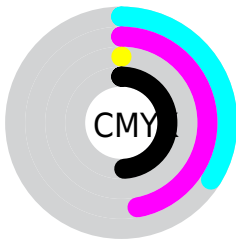
Blue (51%)



Red (34%)

Yellow (27%)

Blue (51%)

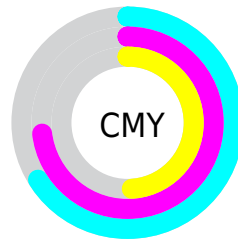


Cyan (34%)

Magenta (47%)

Yellow (0%)

Black (49%)



Cyan (66%)

Magenta (73%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 574683 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 574683 by changing the saturation by 10% instead.

■ 574683

■ 574683

FFFFFF

■ 3E2F6A

■ 8B77B8

■ 261A51

■ A690D4

■ 0E023A

■ C1ABF1

■ 000223

■ DEC6FF

■ 00000B

■ FBE2FF

■ 000000

■ 574683

■ 574683

■ 4E3983

■ 605383

■ 442C83

■ 6A6083

■ 3B1F83

■ 736D83

■ 311283

■ 7D7A83

■ 280583

■ 868883

■ 250083

■ 909583

■ 99A283

■ A3AF83

■ ACBC83

Harmonies

Analogous

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



08528D



574683



79396B

Triad

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



574683



754517



005F54

Complementary

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



574683



728346

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.



005D34



574683



5C500B

Square

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



574683



85392F



3C5819



005E72

Rectangle

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



574683



843457



3C5819



005E49

Sweetspot

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



574683



9A93AB



467383



4C4857



D6D6D6



575757

Same Dimension

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



574683



664BAB



754683



3E3C42



240082



010003

Inverse Universe

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



834672



AB4B90



548346



423C40



82005E



030002

Previews

White Background



This preview shows how the Hex color 574683 looks on a white background.

Color Contrast Check

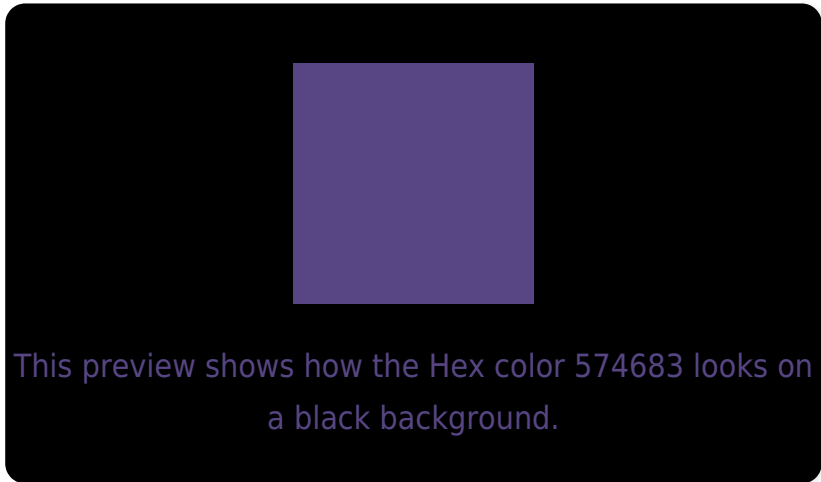
Large Text (above 18pt) WCAG AA ✓ Pass

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

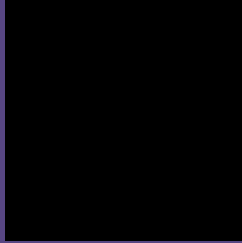
Any Text WCAG AA × Fail

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 574683 Background



This preview shows how black text looks on a background with the Hex color 574683.

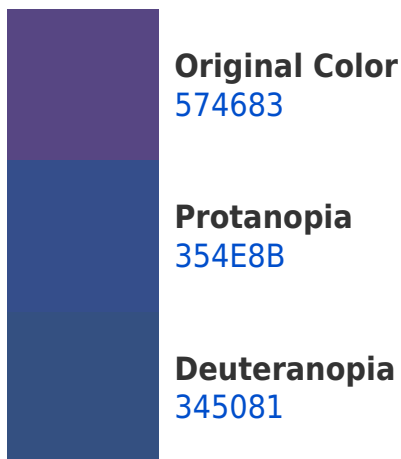


This preview shows how white text looks on a background with the Hex color 574683.

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
4E5057

Trichromacy



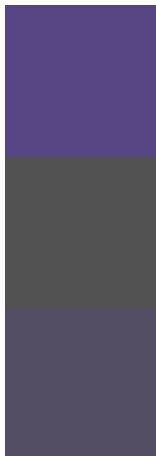
Original Color
574683

Protanomaly
414B88

Deuteranomaly
414C82

Tritanomaly
514C67

Monochromacy



Original Color
574683

Achromatopsia
525252

Achromatomaly
544E64

CSS Examples

Text

The CSS property to change the color of the text to Hex 574683 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 #574683 looks like.

```
.text, #text, p{  
    color:#574683  
}
```

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 #574683 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #574683
}
```

Border

The CSS property to change the border of an element to Hex 574683 is called "border". The border property can be set on classes, ids or directly on the HTML element.

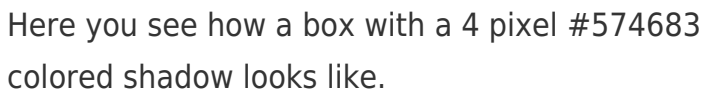
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#574683 }
```

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

```
.border{ border-color:#574683 }
```

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



Here you see how a box with a 4 pixel #574683 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #574683; -webkit-box-shadow:4px 4px  
4px 4px #574683; box-shadow:4px 4px 4px  
4px #574683 }
```

Background

The CSS property to change the background color of an element to Hex 574683 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#574683 }
```

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

```
.background{ background-color:#574683 }
```

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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