

Converting Colors

Hex(504879)

Have a look what the booklet for
Hex(504879) contains.

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Color

Hex(504879)

Conversions

Conversions Part 1

Format	Color
Hex	504879
RGB	80, 72, 121
RGB Percent	31%, 28%, 47%
CMY	0.6863, 0.7176, 0.5255
CMYK	0.34, 0.40, 0.00, 0.53
HSL	250°, 25%, 38%
HSV	250°, 40%, 47%
XYZ	9.0768, 7.7207, 19.1010
YIQ	79.9780, -10.9610, 16.9350

Conversions

Conversions Part 2

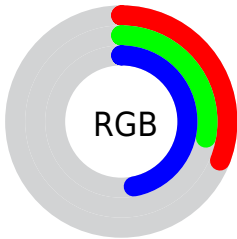
Format	Color
R _Y B	80, 72, 121
Decimal	5261433
CIE Lab	33.39, 15.64, -26.80
CIE LCh	33, 31.026, 300.265
Yxy	7.7207, 0.2528, 0.2151
Android (android.graphics.Color)	4283451513 (0xFF504879)
YUV	79.9780, 20.2238, 0.0193
Hunter-Lab	27.7861, 9.6845, -21.3074

Details

The Hex color **504879** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **717948**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **8379AE**, and **201C48** is the 20% darker color. If you saturate the color by 10%, you get **463C79**, and if you desaturate by 10%, it is **5A5479**.

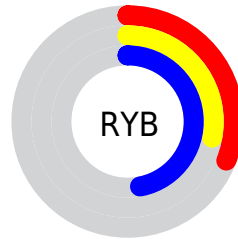
Distribution



Red (31%)

Green (28%)

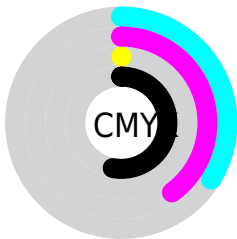
Blue (47%)



Red (31%)

Yellow (28%)

Blue (47%)

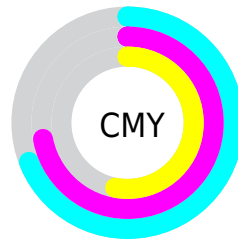


Cyan (34%)

Magenta (40%)

Yellow (0%)

Black (53%)



Cyan (69%)

Magenta (72%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 504879 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 504879 by changing the saturation by 10% instead.

■ 504879

■ 504879

FFFFFF

■ 383160

■ 8379AE

■ 201C48

■ 9D92C9

■ 0B0431

■ B9ADE5

■ 00011C

■ D5C8FF

■ 000000

■ F1E4FF

■ 504879

■ 504879

■ 463C79

■ 5A5479

■ 3C3079

■ 646079

■ 322479

■ 6E6C79

■ 281879

■ 787879

■ 1D0B79

■ 838479

■ 140079

■ 8D9179

■ 979D79

■ A1A979

■ ABB579

Harmonies

Analogous

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



1E517F



504879



6D3E67

Triad

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



504879



704424



005B4E

Complementary

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



504879



717948

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.



235935



504879



5C4D1B

Square

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



504879



7B3C37



445422



005A67

Rectangle

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



504879



783A58



445422



005A45

Sweetspot

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



504879



8E8B9E



487279



46444F



CFCFCF



4F4F4F

Same Dimension

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



504879



5D519E



684879



38373D



14007D



2900FC

Inverse Universe

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



794871



9E5191



597948



3D373C



7D0069



FC00D3

Previews

White Background



This preview shows how the Hex color 504879 looks on a white background.

Color Contrast Check

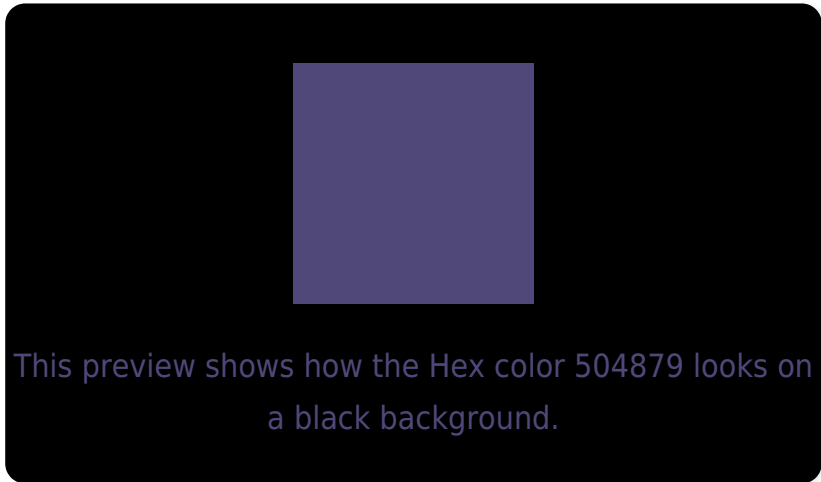
Large Text (above 18pt) WCAG AA ✓ Pass

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

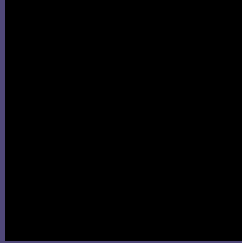
Any Text WCAG AA × Fail

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 504879 Background



This preview shows how black text looks on a background with the Hex color 504879.

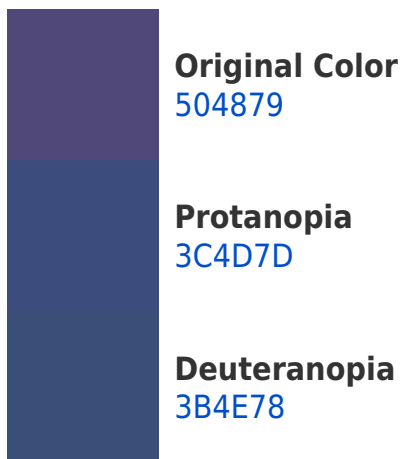


This preview shows how white text looks on a background with the Hex color 504879.

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
485056

Trichromacy



Original Color

504879

Protanomaly

434B7C

Deuteranomaly

434C78

Tritanomaly

4B4D63

Monochromacy



Original Color

504879

Achromatopsia

505050

Achromatomaly

504D5F

CSS Examples

Text

The CSS property to change the color of the text to Hex 504879 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 #504879 looks like.

```
.text, #text, p{  
    color:#504879  
}
```

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 #504879 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #504879
}
```

Border

The CSS property to change the border of an element to Hex 504879 is called "border". The border property can be set on classes, ids or directly on the HTML element.

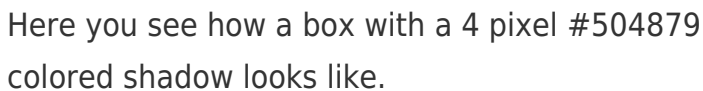
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#504879 }
```

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

```
.border{ border-color:#504879 }
```

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



Here you see how a box with a 4 pixel #504879 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #504879; -webkit-box-shadow:4px 4px  
4px 4px #504879; box-shadow:4px 4px 4px  
4px #504879 }
```

Background

The CSS property to change the background color of an element to Hex 504879 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#504879 }
```

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

```
.background{ background-color:#504879 }
```

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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