

Converting Colors

Hex(536279)

Have a look what the booklet for
Hex(536279) contains.

Hex(536279)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(536279)

Conversions

Conversions Part 1

Format	Color
Hex	536279
RGB	83, 98, 121
RGB Percent	33%, 38%, 47%
CMY	0.6745, 0.6157, 0.5255
CMYK	0.31, 0.19, 0.00, 0.53
HSL	216°, 19%, 40%
HSV	216°, 31%, 47%
XYZ	11.3862, 11.9548, 19.7966
YIQ	96.1370, -16.3230, 3.9730

Conversions

Conversions Part 2

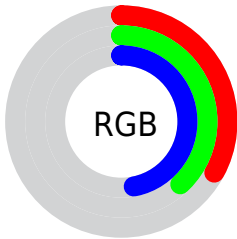
Format	Color
R_{YB}	83, 94, 121
Decimal	5464697
CIE Lab	41.14, 0.17, -14.78
CIE LCh	41, 14.779, 270.656
Yxy	11.9548, 0.2639, 0.2771
Android (android.graphics.Color)	4283654777 (0xFF536279)
YUV	96.1370, 12.2575, -11.5211
Hunter-Lab	34.5758, -1.7257, -9.7438

Details

The Hex color **536279** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **796A53**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **8595AD**, and **243448** is the 20% darker color. If you saturate the color by 10%, you get **475B79**, and if you desaturate by 10%, it is **5F6979**.

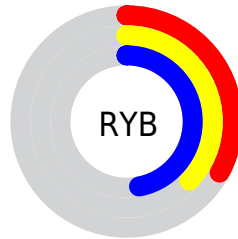
Distribution



Red (33%)

Green (38%)

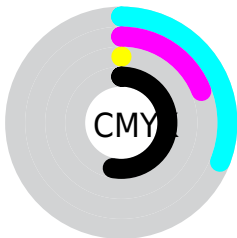
Blue (47%)



Red (33%)

Yellow (37%)

Blue (47%)

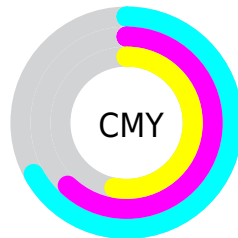


Cyan (31%)

Magenta (19%)

Yellow (0%)

Black (53%)



Cyan (67%)

Magenta (62%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 536279 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 536279 by changing the saturation by 10% instead.

■ 536279

■ 536279

FFFFFF

■ 3B4A60

■ 8595AD

■ 243448

■ A0AFC9

■ 0D1F32

■ BBCBE5

■ 00051D

■ D7E7FF

■ 000000

■ F4FFFF

■ 536279

■ 536279

■ 475B79

■ 5F6979

■ 3B5379

■ 6B7179

■ 2F4C79

■ 777879

■ 234579

■ 837F79

■ 163D79

■ 908779

■ 0A3679

■ 9C8E79

■ 003079

■ A89579

■ B49D79

■ C0A479

Harmonies

Analogous

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



456576



536279



635E76

Triad

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



536279



7A5955



4F6755

Complementary

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



536279



796A53

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.



5D644C



536279



745C4C

Square

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



536279



795861



6A6049



436861

Rectangle

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



536279



6D5B70



6A6049



536651

Sweetspot

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



536279



90959E



53796A



464A4F



CFCFCF



4F4F4F

Same Dimension

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



536279



627A9E



575379



37393D



00317D



0064FC

Inverse Universe

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



795362



9E627A



757953



3D3739



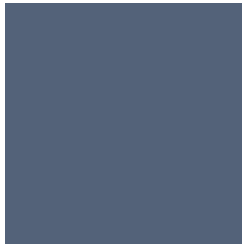
7D0031



FC0064

Previews

White Background



This preview shows how the Hex color 536279 looks on a white background.

Color Contrast Check

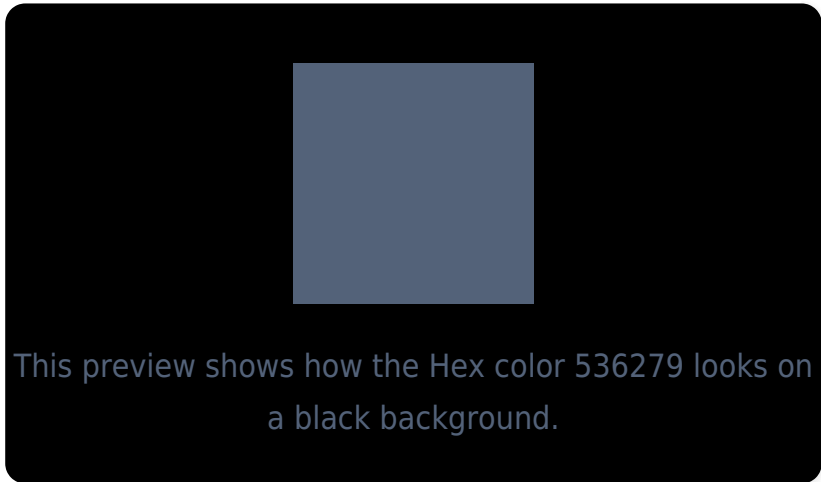
Large Text (above 18pt) WCAG AA ✓ Pass

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

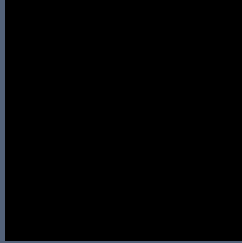
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

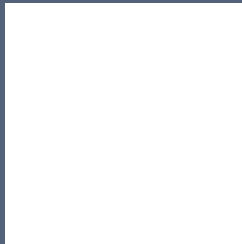
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 536279 Background



This preview shows how black text looks on a background with the Hex color 536279.

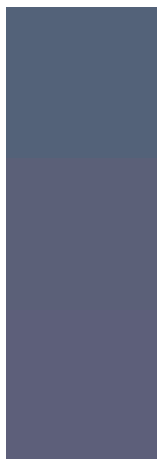


This preview shows how white text looks on a background with the Hex color 536279.

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

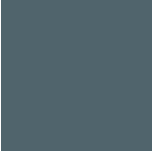
536279

Protanopia

5B6078

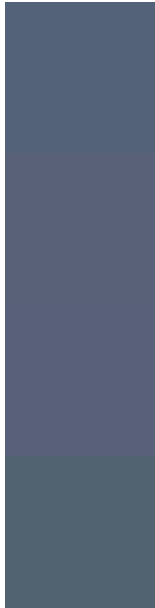
Deuteranopia

5D5F7A



Tritanopia
50646C

Trichromacy



Original Color
536279

Protanomaly
586178

Deuteranomaly
59607A

Tritanomaly
516371

Monochromacy



Original Color
536279

Achromatopsia
606060

Achromatomaly
5B6169

CSS Examples

Text

The CSS property to change the color of the text to Hex 536279 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 #536279 looks like.

```
.text, #text, p{  
    color:#536279  
}
```

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 #536279 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #536279
}
```

Border

The CSS property to change the border of an element to Hex 536279 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
#536279 }
```

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

```
.border{ border-color:#536279 }
```

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

Here you see how a box with a 4 pixel #536279 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #536279; -webkit-box-shadow:4px 4px  
4px 4px #536279; box-shadow:4px 4px 4px  
4px #536279 }
```

Background

The CSS property to change the background color of an element to Hex 536279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#536279 }
```

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

```
.background{ background-color:#536279 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor