

Converting Colors

Hex(535379)

Have a look what the booklet for
Hex(535379) contains.

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Color

Hex(535379)

Conversions

Conversions Part 1

Format	Color
Hex	535379
RGB	83, 83, 121
RGB Percent	33%, 33%, 47%
CMY	0.6745, 0.6745, 0.5255
CMYK	0.31, 0.31, 0.00, 0.53
HSL	240°, 19%, 40%
HSV	240°, 31%, 47%
XYZ	10.1117, 9.4060, 19.3718
YIQ	87.3320, -12.1980, 11.8180

Conversions

Conversions Part 2

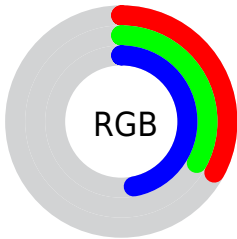
Format	Color
R_{YB}	83, 83, 121
Decimal	5460857
CIE Lab	36.75, 9.53, -21.53
CIE LCh	37, 23.544, 293.872
Yxy	9.4060, 0.2600, 0.2419
Android (android.graphics.Color)	4283650937 (0xFF535379)
YUV	87.3320, 16.5983, -3.7992
Hunter-Lab	30.6692, 5.1809, -15.9812

Details

The Hex color **535379** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **797953**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **8684AE**, and **242648** is the 20% darker color. If you saturate the color by 10%, you get **474779**, and if you desaturate by 10%, it is **5F5F79**.

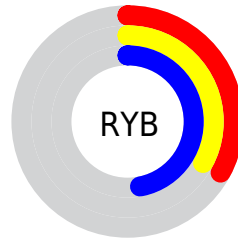
Distribution



Red (33%)

Green (33%)

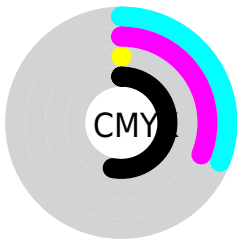
Blue (47%)



Red (33%)

Yellow (33%)

Blue (47%)

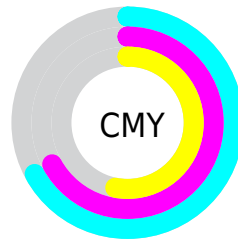


Cyan (31%)

Magenta (31%)

Yellow (0%)

Black (53%)



Cyan (67%)

Magenta (67%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 535379 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 535379 by changing the saturation by 10% instead.

■ 535379

■ 535379

FFFFFF

■ 3B3C60

■ 8684AE

■ 242648

■ A09EC9

■ 0D1231

■ BBB9E5

■ 00021C

■ D7D5FF

■ 000000

■ F4F1FF

■ 535379

■ 535379

■ 474779

■ 5F5F79

■ 3B3B79

■ 6B6B79

■ 2F2F79

■ 777779

■ 232379

■ 838379

■ 161679

■ 909079

■ 0A0A79

■ 9C9C79

■ 000079

■ A8A879

■ B4B479

■ C0C079

Harmonies

Analogous

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



345A7C



535379



6B4C6D

Triad

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



535379



744D39



246052

Complementary

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



535379



797953

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.



3D5E40



535379



665431

Square

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



535379



7B4948



535A33



056065

Rectangle

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



535379



754961



535A33



2D604B

Sweetspot

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



535379



90909E



537979



46464F



CFCFCF



4F4F4F

Same Dimension

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



535379



62629E



665379



37373D



00007D



0000FC

Inverse Universe

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



795379



9E629E



667953



3D373D



7D007D



FC00FC

Previews

White Background



This preview shows how the Hex color 535379 looks on a white background.

Color Contrast Check

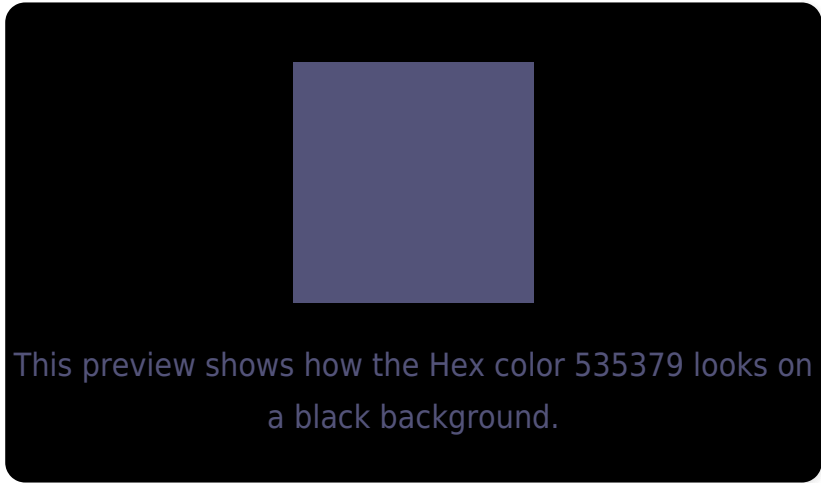
Large Text (above 18pt) WCAG AA ✓ Pass

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

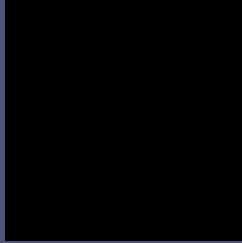
Any Text WCAG AA × Fail

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 535379 Background



This preview shows how black text looks on a background with the Hex color 535379.

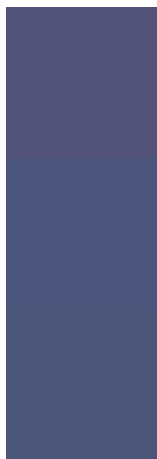


This preview shows how white text looks on a background with the Hex color 535379.

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
535379

Protanopia
4B557B

Deuteranopia
4B5578



Tritanopia
4D585F

Trichromacy



Original Color
535379

Protanomaly
4E547A

Deuteranomaly
4E5478

Tritanomaly
4F5668

Monochromacy



Original Color
535379

Achromatopsia
575757

Achromatomaly
565663

CSS Examples

Text

The CSS property to change the color of the text to Hex 535379 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 #535379 looks like.

```
.text, #text, p{  
    color:#535379  
}
```

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 #535379 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #535379
}
```

Border

The CSS property to change the border of an element to Hex 535379 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
#535379 }
```

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

```
.border{ border-color:#535379 }
```

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

Here you see how a box with a 4 pixel #535379 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #535379; -webkit-box-shadow:4px 4px  
4px 4px #535379; box-shadow:4px 4px 4px  
4px #535379 }
```

Background

The CSS property to change the background color of an element to Hex 535379 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#535379 }
```

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

```
.background{ background-color:#535379 }
```

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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