

Converting Colors

Hex(535481)

Have a look what the booklet for
Hex(535481) contains.

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Color

Hex(535481)

Conversions

Conversions Part 1

Format	Color
Hex	535481
RGB	83, 84, 129
RGB Percent	33%, 33%, 51%
CMY	0.6745, 0.6706, 0.4941
CMYK	0.36, 0.35, 0.00, 0.49
HSL	239°, 22%, 42%
HSV	239°, 36%, 51%
XYZ	10.7001, 9.7646, 22.0897
YIQ	88.8310, -15.0410, 13.7830

Conversions

Conversions Part 2

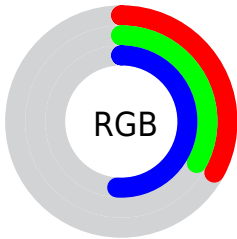
Format	Color
R _Y B	83, 84, 129
Decimal	5461121
CIE Lab	37.42, 11.18, -25.42
CIE LCh	37, 27.772, 293.745
Yxy	9.7646, 0.2514, 0.2295
Android (android.graphics.Color)	4283651201 (0xFF535481)
YUV	88.8310, 19.8033, -5.1138
Hunter-Lab	31.2484, 6.4371, -20.0386

Details

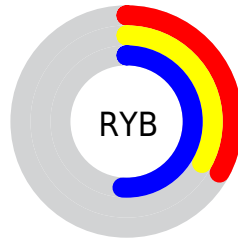
The Hex color **535481** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **818053**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **8685B6**, and **23274F** is the 20% darker color. If you saturate the color by 10%, you get **464781**, and if you desaturate by 10%, it is **606181**.

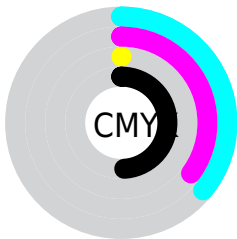
Distribution



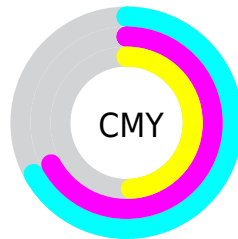
- Red (33%)
- Green (33%)
- Blue (51%)



- Red (33%)
- Yellow (33%)
- Blue (51%)



- Cyan (36%)
- Magenta (35%)
- Yellow (0%)
- Black (49%)



- Cyan (67%)
- Magenta (67%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 535481 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 535481 by changing the saturation by 10% instead.

■ 535481

■ 535481

FFFFFF

■ 3B3D68

■ 8685B6

■ 23274F

■ A1A0D2

■ 091338

■ BCBEE

■ 000223

■ D8D6FF

■ 000009

■ F5F3FF

■ 000000

■ 535481

■ 535481

■ 464781

■ 606181

■ 393B81

■ 6D6D81

■ 2C2E81

■ 7A7A81

■ 1F2281

■ 878681

■ 131581

■ 939381

■ 060881

■ A0A081

■ 000381

■ ADAC81

■ BAB981

■ C7C681

Harmonies

Analogous

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



295C84



535481



704C73

Triad

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



535481



7B4D35



146352

Complementary

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



535481



818053

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.



3A613D



535481



6A552B

Square

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



535481



834747



545C2E



006369

Rectangle

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



535481



7C4765



545C2E



23634B

Sweetspot

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



535481



9696A8



53817F



494954



D4D4D4



545454

Same Dimension

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



535481



6062A8



685381



393A40



000380



000000

Inverse Universe

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



815354



A86062



6C8153



40393A



800003



000000

Previews

White Background



This preview shows how the Hex color 535481 looks on a white background.

Color Contrast Check

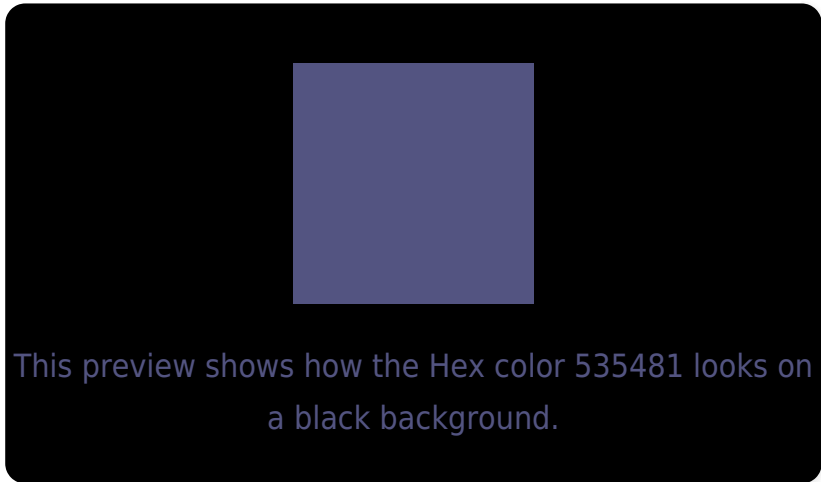
Large Text (above 18pt) WCAG AA ✓ Pass

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

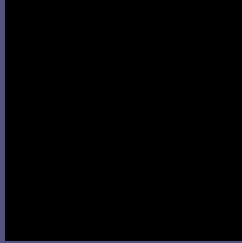
Any Text WCAG AA × Fail

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 535481 Background



This preview shows how black text looks on a background with the Hex color 535481.



This preview shows how white text looks on a background with the Hex color 535481.

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
535481

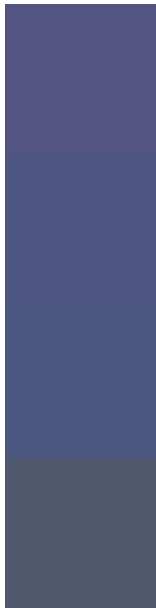
Protanopia
495783

Deuteranopia
475780



Tritanopia
4C5A62

Trichromacy



Original Color
535481

Protanomaly
4D5682

Deuteranomaly
4B5680

Tritanomaly
4F586D

Monochromacy



Original Color
535481

Achromatopsia
595959

Achromatomaly
575768

CSS Examples

Text

The CSS property to change the color of the text to Hex 535481 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 #535481 looks like.

```
.text, #text, p{  
    color:#535481  
}
```

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 #535481 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #535481
}
```

Border

The CSS property to change the border of an element to Hex 535481 is called "border". The border property can be set on classes, ids or directly on the HTML element.

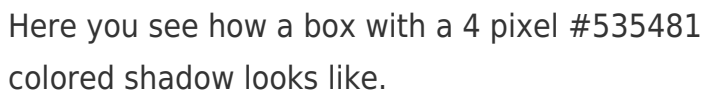
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#535481 }
```

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

```
.border{ border-color:#535481 }
```

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



Here you see how a box with a 4 pixel #535481 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #535481; -webkit-box-shadow:4px 4px  
4px 4px #535481; box-shadow:4px 4px 4px  
4px #535481 }
```

Background

The CSS property to change the background color of an element to Hex 535481 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#535481 }
```

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

```
.background{ background-color:#535481 }
```

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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