

Converting Colors

Hex(535183)

Have a look what the booklet for
Hex(535183) contains.

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Color

Hex(535183)

Conversions

Conversions Part 1

Format	Color
Hex	535183
RGB	83, 81, 131
RGB Percent	33%, 32%, 51%
CMY	0.6745, 0.6824, 0.4863
CMYK	0.37, 0.38, 0.00, 0.49
HSL	242°, 24%, 42%
HSV	242°, 38%, 51%
XYZ	10.6064, 9.3626, 22.7209
YIQ	87.2980, -14.8580, 15.9740

Conversions

Conversions Part 2

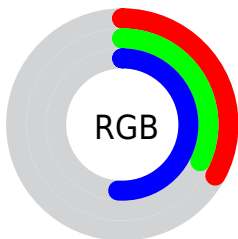
Format	Color
R_{YB}	83, 81, 131
Decimal	5460355
CIE _{Lab}	36.67, 13.68, -27.81
CIE _{LCh}	37, 30.995, 296.194
Yxy	9.3626, 0.2485, 0.2193
Android (android.graphics.Color)	4283650435 (0xFF535183)
YUV	87.2980, 21.5451, -3.7693
Hunter-Lab	30.5983, 8.3274, -22.6072

Details

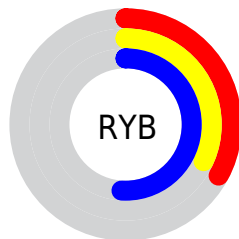
The Hex color **535183** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **818351**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **8682B8**, and **222551** is the 20% darker color. If you saturate the color by 10%, you get **464483**, and if you desaturate by 10%, it is **605E83**.

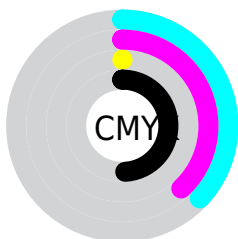
Distribution



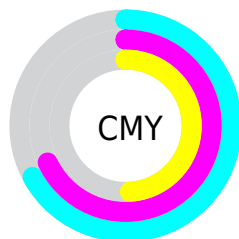
- Red (33%)
- Green (32%)
- Blue (51%)



- Red (33%)
- Yellow (32%)
- Blue (51%)



- Cyan (37%)
- Magenta (38%)
- Yellow (0%)
- Black (49%)



- Cyan (67%)
- Magenta (68%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 535183 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 535183 by changing the saturation by 10% instead.

■ 535183

■ 535183

FFFFFF

■ 3A3A6A

■ 8682B8

■ 222551

■ A19CD4

■ 08103A

■ BCB7F1

■ 000224

■ D9D3FF

■ 00000C

■ F5EFFF

■ 000000

■ 535183

■ 535183

■ 464483

■ 605E83

■ 3A3783

■ 6C6B83

■ 2D2A83

■ 797883

■ 211D83

■ 858583

■ 141083

■ 929383

■ 080283

■ 9EA083

■ 050083

■ ABAD83

■ B8BA83

■ C4C783

Harmonies

Analogous

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



205A88



535183



724772

Triad

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



535183



7B4B2D



006352

Complementary

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



535183



818351

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.



30603A



535183



685423

Square

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



535183



854342



4F5B28



00636B

Rectangle

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



535183



7F4363



4F5B28



0F624A

Sweetspot

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



535183



9998AB



518183



4C4B57



D6D6D6



575757

Same Dimension

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



535183



5F5CAB



6C5183



3C3C42



050082



000003

Inverse Universe

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



835181



AB5CA8



688351



423C42



82007D



030002

Previews

White Background



This preview shows how the Hex color 535183 looks on a white background.

Color Contrast Check

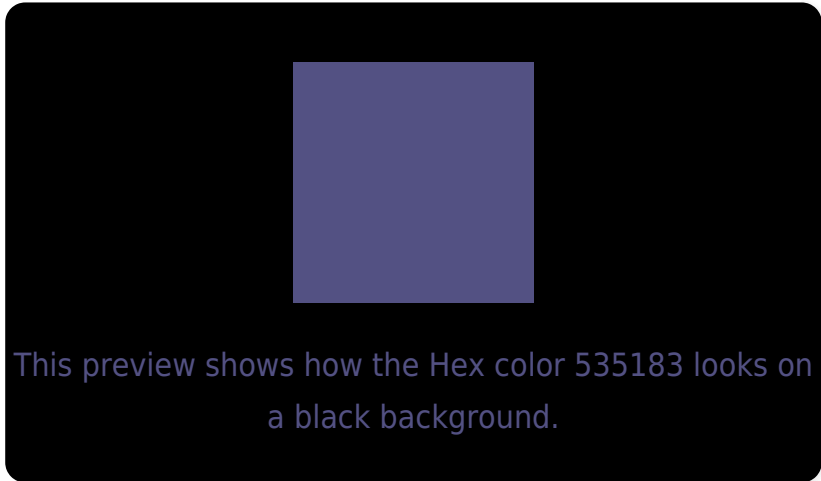
Large Text (above 18pt) WCAG AA ✓ Pass

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

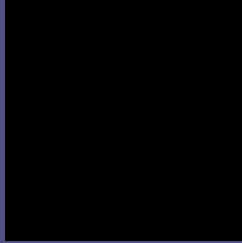
Any Text WCAG AA × Fail

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 535183 Background



This preview shows how black text looks on a background with the Hex color 535183.

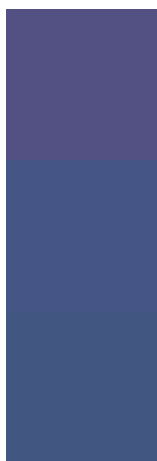


This preview shows how white text looks on a background with the Hex color 535183.

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](#).

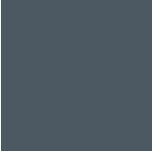
Dichromacy



Original Color
535183

Protanopia
445586

Deuteranopia
425682



Tritanopia
4B585F

Trichromacy



Original Color
535183

Protanomaly
495485

Deuteranomaly
485482

Tritanomaly
4E556C

Monochromacy



Original Color
535183

Achromatopsia
575757

Achromatomaly
565567

CSS Examples

Text

The CSS property to change the color of the text to Hex 535183 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 #535183 looks like.

```
.text, #text, p{  
    color:#535183  
}
```

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 #535183 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #535183
}
```

Border

The CSS property to change the border of an element to Hex 535183 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
#535183 }
```

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

```
.border{ border-color:#535183 }
```

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

Here you see how a box with a 4 pixel #535183 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #535183; -webkit-box-shadow:4px 4px  
4px 4px #535183; box-shadow:4px 4px 4px  
4px #535183 }
```

Background

The CSS property to change the background color of an element to Hex 535183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#535183 }
```

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

```
.background{ background-color:#535183 }
```

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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