

Converting Colors

Hex(538399)

Have a look what the booklet for
Hex(538399) contains.

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Color

Hex(538399)

Conversions

Conversions Part 1

Format	Color
Hex	538399
RGB	83, 131, 153
RGB Percent	33%, 51%, 60%
CMY	0.6745, 0.4863, 0.4000
CMYK	0.46, 0.14, 0.00, 0.40
HSL	199°, 30%, 46%
HSV	199°, 46%, 60%
XYZ	17.4333, 20.3715, 33.1503
YIQ	119.1560, -35.6700, -3.3340

Conversions

Conversions Part 2

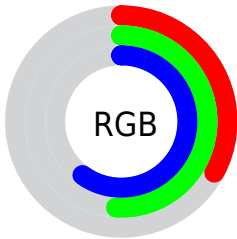
Format	Color
R_{YB}	83, 111, 153
Decimal	5473177
CIE _{Lab}	52.25, -10.11, -16.87
CIE _{LCh}	52, 19.666, 239.049
Yxy	20.3715, 0.2457, 0.2871
Android (android.graphics.Color)	4283663257 (0xFF538399)
YUV	119.1560, 16.6851, -31.7088
Hunter-Lab	45.1348, -10.0402, -11.9525

Details

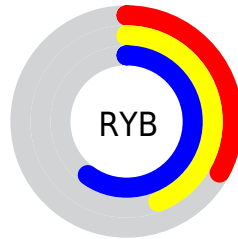
The Hex color **538399** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **996953**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **88B8CF**, and **1D5266** is the 20% darker color. If you saturate the color by 10%, you get **447E99**, and if you desaturate by 10%, it is **628899**.

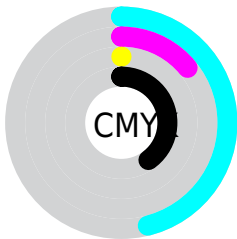
Distribution



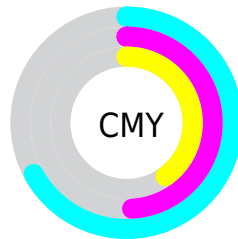
- Red (33%)
- Green (51%)
- Blue (60%)



- Red (33%)
- Yellow (44%)
- Blue (60%)



- Cyan (46%)
- Magenta (14%)
- Yellow (0%)
- Black (40%)



- Cyan (67%)
- Magenta (49%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 538399 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 538399 by changing the saturation by 10% instead.

■ 538399

■ 538399

FFFFFF

■ 396A7F

■ 88B8CF

■ 1D5266

■ A3D4EC

■ 003B4E

■ BFF0FF

■ 002537

■ DCFFFF

■ 001022

■ F9FFFF

■ 000009

■ 000000

■ 538399

■ 538399

■ 447E99

■ 628899

■ 347999

■ 728D99

■ 257599

■ 819199

■ 167099

■ 909699

■ 066B99

■ A09B99

■ 006999

■ AFA099

■ BEA599

■ CDA999

■ DDAE99

Harmonies

Analogous

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



4B868C



538399



677E9E

Triad

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



538399



9D717E



78815F

Complementary

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



538399



996953

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.



8A7B5B



538399



9F726D

Square

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



538399



92738E



987660



64846B

Rectangle

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



538399



777A9C



987660



7E7F5D

Sweetspot

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



538399



ABBEC7



539968



535E63



E3E3E3



636363

Same Dimension

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



538399



5AA5C7



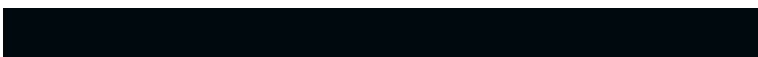
536199



454A4D



00608C



00090D

Inverse Universe

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



995383



C75AA5



998B53



4D454A



8C0060



0D0009

Previews

White Background



This preview shows how the Hex color 538399 looks on a white background.

Color Contrast Check

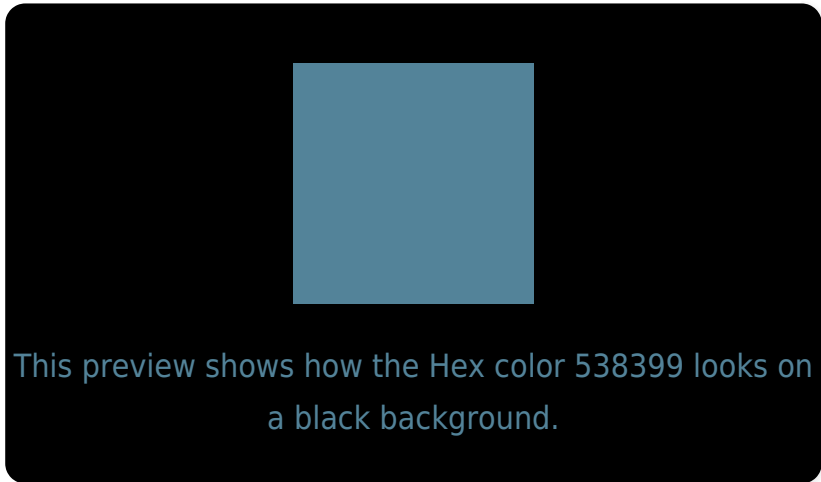
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

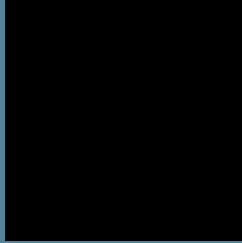
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

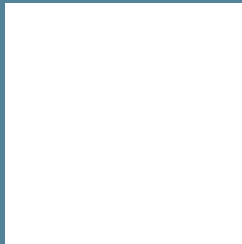
Any Text WCAG AAA × Fail

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

Hex 538399 Background



This preview shows how black text looks on a background with the Hex color 538399.

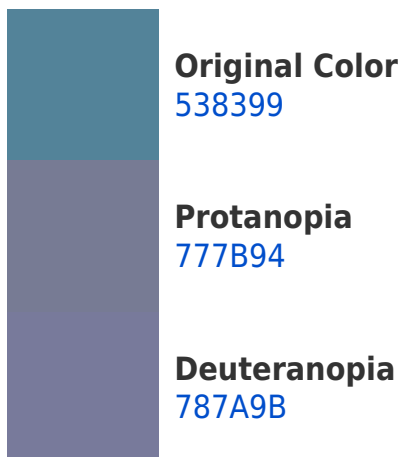



This preview shows how white text looks on a background with the Hex color 538399.

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
50858F

Trichromacy



Original Color
538399

Protanomaly
6A7E96

Deuteranomaly
6B7D9A

Tritanomaly
518493

Monochromacy



Original Color
538399

Achromatopsia
777777

Achromatomaly
6A7B83

CSS Examples

Text

The CSS property to change the color of the text to Hex 538399 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 #538399 looks like.

```
.text, #text, p{  
    color:#538399  
}
```

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 #538399 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #538399
}
```

Border

The CSS property to change the border of an element to Hex 538399 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
#538399 }
```

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

```
.border{ border-color:#538399 }
```

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

Here you see how a box with a 4 pixel #538399 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #538399; -webkit-box-shadow:4px 4px  
4px 4px #538399; box-shadow:4px 4px 4px  
4px #538399 }
```

Background

The CSS property to change the background color of an element to Hex 538399 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#538399 }
```

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

```
.background{ background-color:#538399 }
```

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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