

Converting Colors

Hex(535A9D)

Have a look what the booklet for
Hex(535A9D) contains.

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Color

Hex(535A9D)

Conversions

Conversions Part 1

Format	Color
Hex	535A9D
RGB	83, 90, 157
RGB Percent	33%, 35%, 62%
CMY	0.6745, 0.6471, 0.3843
CMYK	0.47, 0.43, 0.00, 0.38
HSL	234°, 31%, 47%
HSV	234°, 47%, 62%
XYZ	13.3092, 11.5856, 33.4331
YIQ	95.5450, -25.6790, 19.3530

Conversions

Conversions Part 2

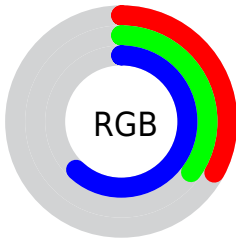
Format	Color
R_{YB}	83, 89, 157
Decimal	5462685
CIE _{Lab}	40.55, 15.89, -37.43
CIE _{LCh}	41, 40.663, 293.007
Yxy	11.5856, 0.2282, 0.1986
Android (android.graphics.Color)	4283652765 (0xFF535A9D)
YUV	95.5450, 30.2973, -11.0020
Hunter-Lab	34.0377, 10.2302, -34.4104

Details

The Hex color **535A9D** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **9D9653**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **888CD4**, and **1C2D69** is the 20% darker color. If you saturate the color by 10%, you get **434C9D**, and if you desaturate by 10%, it is **63689D**.

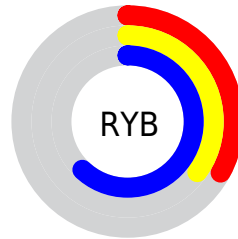
Distribution



Red (33%)

Green (35%)

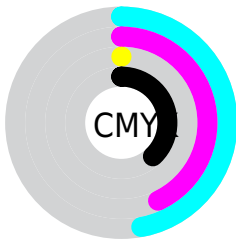
Blue (62%)



Red (33%)

Yellow (35%)

Blue (62%)

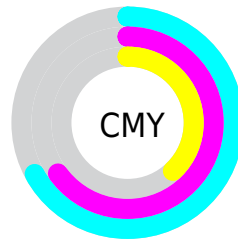


Cyan (47%)

Magenta (43%)

Yellow (0%)

Black (38%)



Cyan (67%)

Magenta (65%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 535A9D 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 535A9D by changing the saturation by 10% instead.

■ 535A9D

■ 535A9D

FFFFFF

■ 394383

■ 888CD4

■ 1C2D69

■ A4A6F1

■ 001951

■ C0C1FF

■ 000039

■ DCDDFF

■ 000223

■ FAFAFF

■ 000009

■ 000000

■ 535A9D

■ 535A9D

■ 434C9D

■ 63689D

■ 343E9D

■ 72769D

■ 242F9D

■ 82859D

■ 14219D

■ 92939D

■ 05139D

■ A2A19D

■ 000F9D

■ B1AF9D

■ C1BE9D

■ D1CC9D

■ E0DA9D

Harmonies

Analogous

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



0066A2



535A9D



814C88

Triad

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



535A9D



904E2B



006F56

Complementary

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



535A9D



9D9653

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.



2E6C36



535A9D



785B19

Square

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



535A9D



9C4348



58651D



007079

Rectangle

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



535A9D



924474



58651D



006F4B

Sweetspot

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



535A9D



AFB2CC



539D96



555666



E6E6E6



666666

Same Dimension

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



535A9D



5863CC



71539D



47484F



000E8F



00010F

Inverse Universe

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



9D535A



CC5863



7F9D53



4F4748



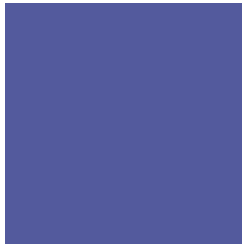
8F000E



0F0001

Previews

White Background



This preview shows how the Hex color 535A9D looks on a white background.

Color Contrast Check

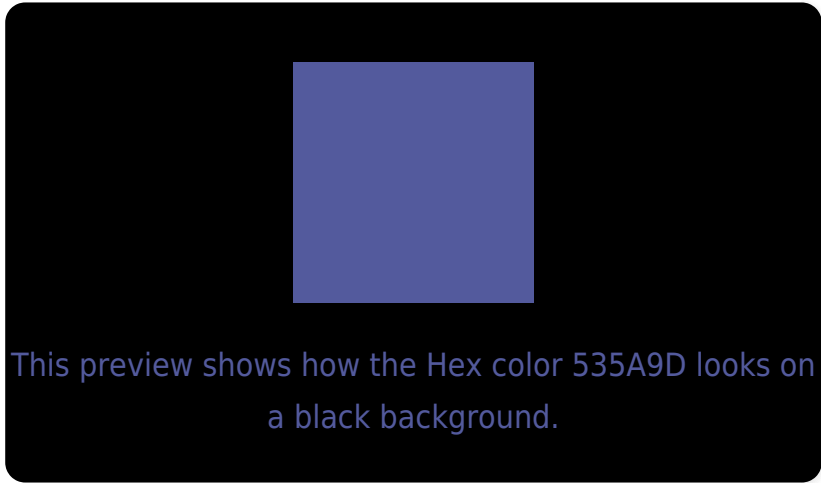
Large Text (above 18pt) WCAG AA ✓ Pass

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

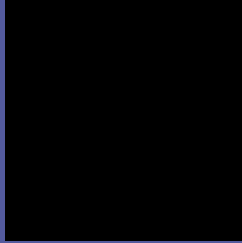
Any Text WCAG AA × Fail

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 535A9D Background



This preview shows how black text looks on a background with the Hex color 535A9D.

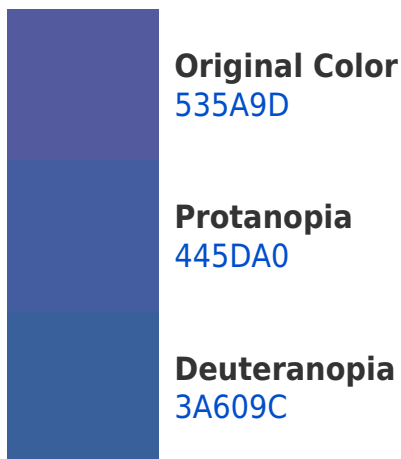



This preview shows how white text looks on a background with the Hex color 535A9D.

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](#).

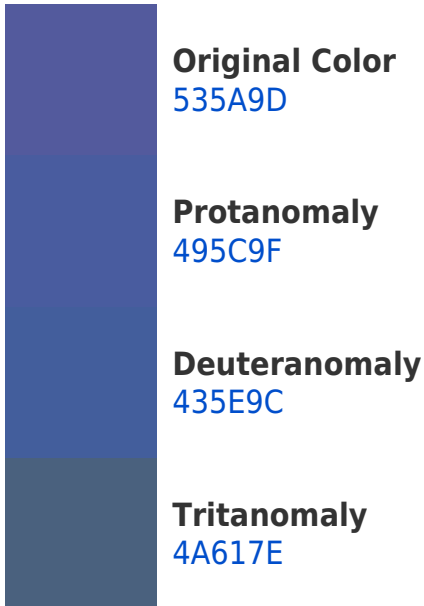
Dichromacy





Tritanopia
45656D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 535A9D 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 #535A9D looks like.

```
.text, #text, p{  
    color:#535A9D  
}
```

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 #535A9D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #535A9D
}
```

Border

The CSS property to change the border of an element to Hex 535A9D 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
#535A9D }
```

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

```
.border{ border-color:#535A9D }
```

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

Here you see how a box with a 4 pixel #535A9D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #535A9D; -webkit-box-shadow:4px 4px  
4px 4px #535A9D; box-shadow:4px 4px 4px  
4px #535A9D }
```

Background

The CSS property to change the background color of an element to Hex 535A9D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#535A9D }
```

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

```
.background{ background-color:#535A9D }
```

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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