

Converting Colors

Hex(505B9D)

Have a look what the booklet for
Hex(505B9D) contains.

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Color

Hex(505B9D)

Conversions

Conversions Part 1

Format	Color
Hex	505B9D
RGB	80, 91, 157
RGB Percent	31%, 36%, 62%
CMY	0.6863, 0.6431, 0.3843
CMYK	0.49, 0.42, 0.00, 0.38
HSL	231°, 32%, 46%
HSV	231°, 49%, 62%
XYZ	13.1352, 11.6220, 33.4493
YIQ	95.2350, -27.7420, 18.1940

Conversions

Conversions Part 2

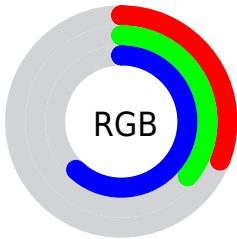
Format	Color
R_{YB}	80, 90, 157
Decimal	5266333
CIE _{Lab}	40.61, 14.50, -37.35
CIE _{LCh}	41, 40.065, 291.220
Yxy	11.6220, 0.2257, 0.1997
Android (android.graphics.Color)	4283456413 (0xFF505B9D)
YUV	95.2350, 30.4501, -13.3611
Hunter-Lab	34.0910, 9.1162, -34.3102

Details

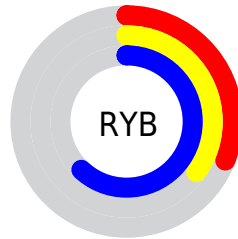
The Hex color **505B9D** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **9D9250**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **858DD4**, and **182E69** is the 20% darker color. If you saturate the color by 10%, you get **404E9D**, and if you desaturate by 10%, it is **60689D**.

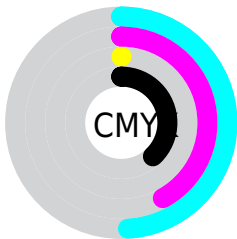
Distribution



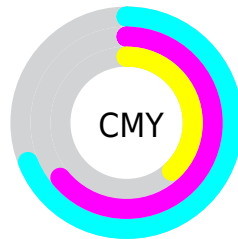
- Red (31%)
- Green (36%)
- Blue (62%)



- Red (31%)
- Yellow (35%)
- Blue (62%)



- Cyan (49%)
- Magenta (42%)
- Yellow (0%)
- Black (38%)



- Cyan (69%)
- Magenta (64%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 505B9D 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 505B9D by changing the saturation by 10% instead.

■ 505B9D

■ 505B9D

FFFFFF

■ 354483

■ 858DD4

■ 182E69

■ A1A7F1

■ 001951

■ BDC2FF

■ 000039

■ D9DEFF

■ 000223

■ F7FBFF

■ 00000A

■ 000000

■ 505B9D

■ 505B9D

■ 404E9D

■ 60689D

■ 31409D

■ 6F769D

■ 21339D

■ 7F839D

■ 11259D

■ 8F919D

■ 01189D

■ 9F9E9D

■ 00169D

■ AEAC9D

■ BEB99D

■ CEC79D

■ DDD49D

Harmonies

Analogous

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



0066A0



505B9D



7E4D89

Triad

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



505B9D



914E2D



006F55

Complementary

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



505B9D



9D9250

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.



336C35



505B9D



7A5B1B

Square

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



505B9D



9C444A



5B651E



007076

Rectangle

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



505B9D



914676



5B651E



006E49

Sweetspot

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



505B9D



ADB2CC



509D91



545666



E6E6E6



666666

Same Dimension

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



505B9D



5465CC



6B509D



47484F



00148F



00020F

Inverse Universe

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



9D505B



CC5465



829D50



4F4748



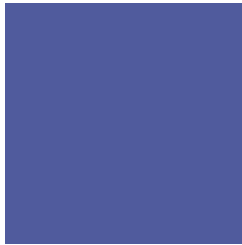
8F0014



0F0002

Previews

White Background



This preview shows how the Hex color 505B9D looks on a white background.

Color Contrast Check

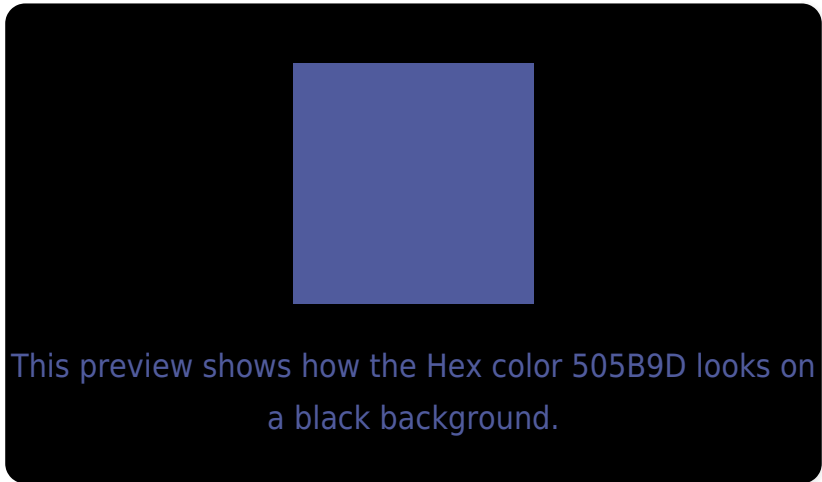
Large Text (above 18pt) WCAG AA ✓ Pass

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

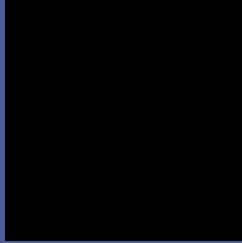
Any Text WCAG AA × Fail

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 505B9D Background



This preview shows how black text looks on a background with the Hex color 505B9D.



This preview shows how white text looks on a background with the Hex color 505B9D.

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
505B9D

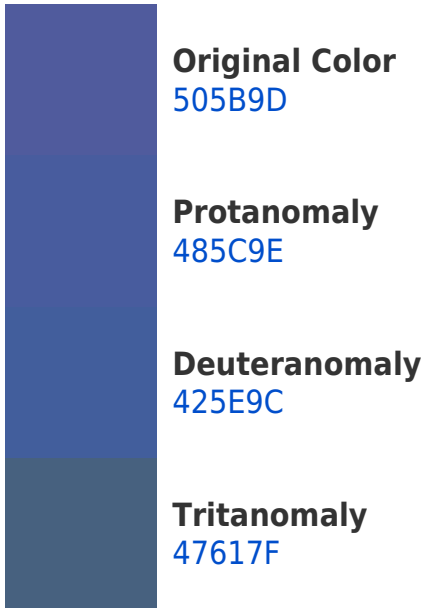
Protanopia
445D9F

Deuteranopia
3A609C

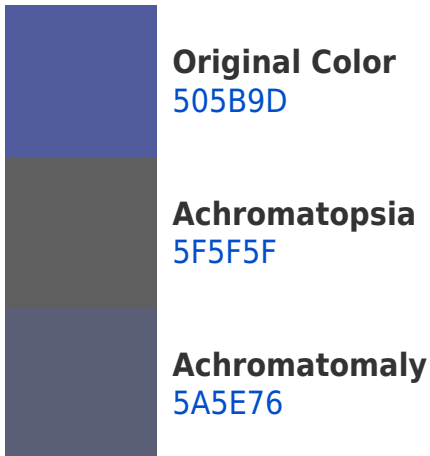


Tritanopia
42656E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 505B9D 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 #505B9D looks like.

```
.text, #text, p{  
    color:#505B9D  
}
```

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 #505B9D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #505B9D
}
```

Border

The CSS property to change the border of an element to Hex 505B9D is called "border". The border property can be set on classes, ids or directly on the HTML element.

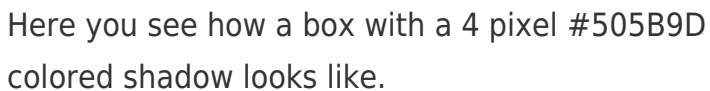
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#505B9D }
```

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

```
.border{ border-color:#505B9D }
```

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



Here you see how a box with a 4 pixel #505B9D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #505B9D; -webkit-box-shadow:4px 4px  
4px 4px #505B9D; box-shadow:4px 4px 4px  
4px #505B9D }
```

Background

The CSS property to change the background color of an element to Hex 505B9D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#505B9D }
```

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

```
.background{ background-color:#505B9D }
```

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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