

Converting Colors

Hex(515D8C)

Have a look what the booklet for
Hex(515D8C) contains.

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Color

Hex(515D8C)

Conversions

Conversions Part 1

Format	Color
Hex	515D8C
RGB	81, 93, 140
RGB Percent	32%, 36%, 55%
CMY	0.6824, 0.6353, 0.4510
CMYK	0.42, 0.34, 0.00, 0.45
HSL	228°, 27%, 43%
HSV	228°, 42%, 55%
XYZ	12.0413, 11.4715, 26.3905
YIQ	94.7700, -22.2390, 12.0730

Conversions

Conversions Part 2

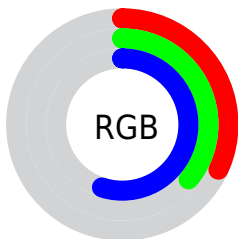
Format	Color
R_{YB}	81, 91, 140
Decimal	5332364
CIE _{Lab}	40.36, 8.17, -27.52
CIE _{LCh}	40, 28.708, 286.543
Yxy	11.4715, 0.2413, 0.2299
Android (android.graphics.Color)	4283522444 (0xFF515D8C)
YUV	94.7700, 22.2984, -12.0763
Hunter-Lab	33.8696, 4.1886, -22.4889

Details

The Hex color **515D8C** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **8C8051**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **858FC2**, and **1E2F5A** is the 20% darker color. If you saturate the color by 10%, you get **43528C**, and if you desaturate by 10%, it is **5F688C**.

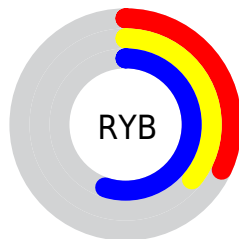
Distribution



Red (32%)

Green (36%)

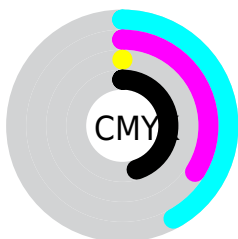
Blue (55%)



Red (32%)

Yellow (36%)

Blue (55%)

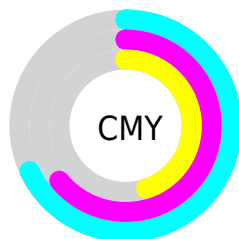


Cyan (42%)

Magenta (34%)

Yellow (0%)

Black (45%)



Cyan (68%)

Magenta (64%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 515D8C 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 515D8C by changing the saturation by 10% instead.

■ 515D8C

■ 515D8C

FFFFFF

■ 384672

■ 858FC2

■ 1E2F5A

■ A0AADE

■ 001B42

■ BBC5FA

■ 00002C

■ D7E1FF

■ 000116

■ F4FDFD

■ 000000

■ 515D8C

■ 515D8C

■ 43528C

■ 5F688C

■ 35478C

■ 6D738C

■ 273C8C

■ 7B7E8C

■ 19308C

■ 898A8C

■ 0B258C

■ 97958C

■ 001C8C

■ A5A08C

■ B3AB8C

■ C1B68C

■ CFC18C

Harmonies

Analogous

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



22658C



515D8C



725480

Triad

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



515D8C



86523E



256B53

Complementary

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



515D8C



8C8051

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.



47683E



515D8C



775A31

Square

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



515D8C



8C4D53



616231



006B6C

Rectangle

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



515D8C



814F72



616231



326A4C

Sweetspot

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



515D8C



9EA2B5



518C7F



4D505C



DBDBDB



5C5C5C

Same Dimension

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



515D8C



596BB5



62518C



3E3F45



001B85



000105

Inverse Universe

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



8C515D



B5596B



7B8C51



453E3F



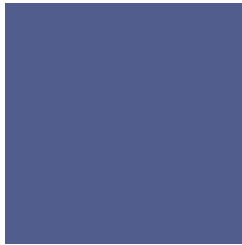
85001B



050001

Previews

White Background



This preview shows how the Hex color 515D8C looks on a white background.

Color Contrast Check

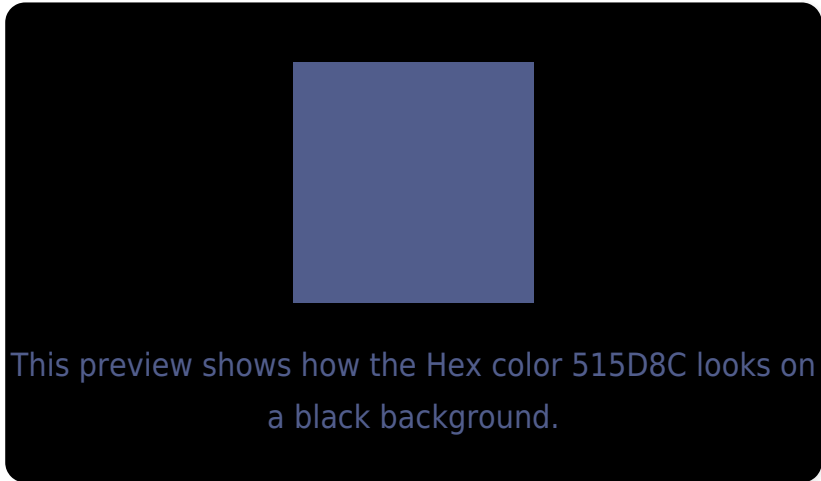
Large Text (above 18pt) WCAG AA ✓ Pass

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

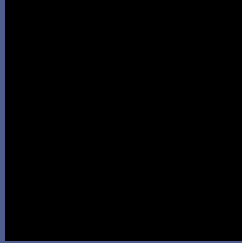
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

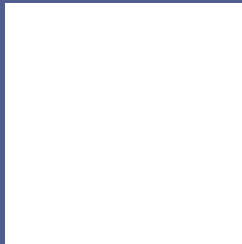
Any Text WCAG AAA × Fail

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

Hex 515D8C Background



This preview shows how black text looks on a background with the Hex color 515D8C.

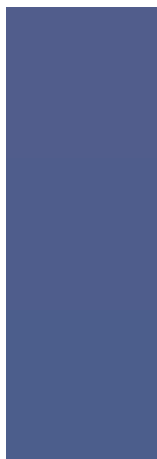


This preview shows how white text looks on a background with the Hex color 515D8C.

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

515D8C

Protanopia

4F5D8C

Deuteranopia

4C5E8C



Tritanopia
48636B

Trichromacy



Original Color
515D8C

Protanomaly
505D8C

Deuteranomaly
4E5E8C

Tritanomaly
4B6177

Monochromacy



Original Color
515D8C

Achromatopsia
5F5F5F

Achromatomaly
5A5E6F

CSS Examples

Text

The CSS property to change the color of the text to Hex 515D8C 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 #515D8C looks like.

```
.text, #text, p{  
    color:#515D8C  
}
```

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 #515D8C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #515D8C
}
```

Border

The CSS property to change the border of an element to Hex 515D8C 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".

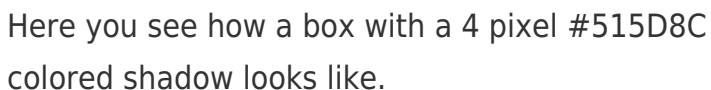
```
.border, #border, table{ border:4px solid
#515D8C }
```

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

```
.border{ border-color:#515D8C }
```

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

Here you see how a box with a 4 pixel #515D8C colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #515D8C; -webkit-box-shadow:4px 4px  
4px 4px #515D8C; box-shadow:4px 4px 4px  
4px #515D8C }
```

Background

The CSS property to change the background color of an element to Hex 515D8C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#515D8C }
```

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

```
.background{ background-color:#515D8C }
```

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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