

Converting Colors

Hex(51558A)

Have a look what the booklet for
Hex(51558A) contains.

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Color

Hex(51558A)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 51558A |
| RGB | 81, 85, 138 |
| RGB Percent | 32%, 33%, 54% |
| CMY | 0.6824, 0.6667, 0.4588 |
| CMYK | 0.41, 0.38, 0.00, 0.46 |
| HSL | 236°, 26%, 43% |
| HSV | 236°, 41%, 54% |
| XYZ | 11.2293, 10.0813, 25.3988 |
| YIQ | 89.8460, -19.3970, 15.6350 |

Conversions

Conversions Part 2

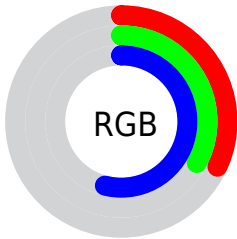
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 81, 85, 138 |
| Decimal | 5330314 |
| CIE _{Lab} | 37.99, 12.64, -30.03 |
| CIE _{LCh} | 38, 32.583, 292.819 |
| Yxy | 10.0813, 0.2404, 0.2158 |
| Android (android.graphics.Color) | 4283520394 (0xFF51558A) |
| YUV | 89.8460, 23.7399, -7.7579 |
| Hunter-Lab | 31.7511, 7.5650, -25.2024 |

Details

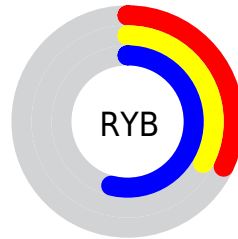
The Hex color **51558A** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **8A8651**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **8587C0**, and **1F2858** is the 20% darker color. If you saturate the color by 10%, you get **43488A**, and if you desaturate by 10%, it is **5F628A**.

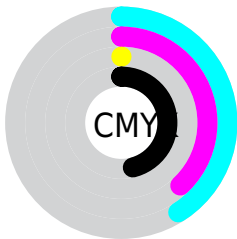
Distribution



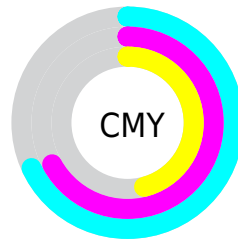
- Red (32%)
- Green (33%)
- Blue (54%)



- Red (32%)
- Yellow (33%)
- Blue (54%)



- Cyan (41%)
- Magenta (38%)
- Yellow (0%)
- Black (46%)



- Cyan (68%)
- Magenta (67%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 51558A 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 51558A by changing the saturation by 10% instead.

■ 51558A

■ 51558A

FFFFFF

■ 383E70

■ 8587C0

■ 1F2858

■ A0A1DC

■ 011440

■ BBBCF8

■ 00002A

■ D7D7FF

■ 000114

■ F4F4FF

■ 000000

■ 51558A

■ 51558A

■ 43488A

■ 5F628A

■ 353B8A

■ 6D6F8A

■ 282F8A

■ 7A7B8A

■ 1A228A

■ 88888A

■ 0C158A

■ 96958A

■ 000A8A

■ A4A28A

■ B2AF8A

■ BFBC8A

■ CDC88A

Harmonies

Analogous

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



115E8D



51558A



744B7A

Triad

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



51558A



814C30



006652

Complementary

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



51558A



8A8651

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.



356438



51558A



6E5624

Square

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



51558A



8B4446



555E27



00676D

Rectangle

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



51558A



82456A



555E27



156649

Sweetspot

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



51558A



9D9FB3



518A85



4D4E59



D9D9D9



595959

Same Dimension

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



51558A



5960B3



69518A



3E3E45



000985



000005

Inverse Universe

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



8A5155



B35960



728A51



453E3E



850009



050000

Previews

White Background



This preview shows how the Hex color 51558A looks on a white background.

Color Contrast Check

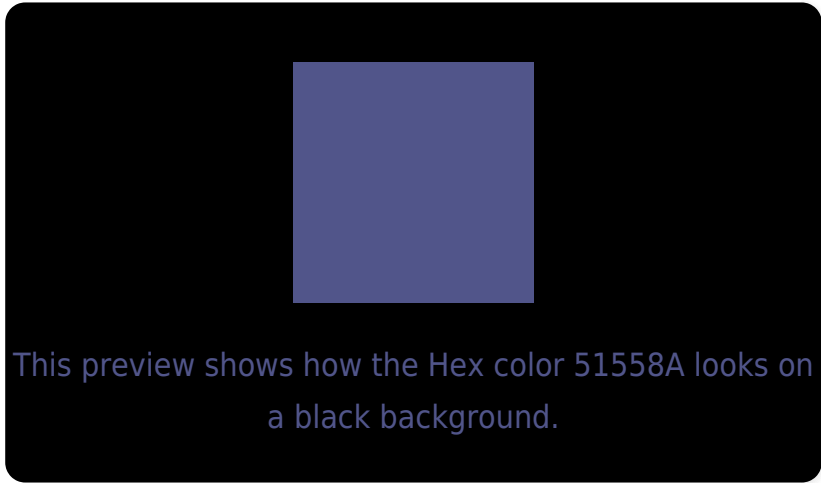
Large Text (above 18pt) WCAG AA ✓ Pass

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

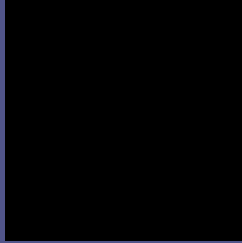
Any Text WCAG AA × Fail

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 51558A Background



This preview shows how black text looks on a background with the Hex color 51558A.



This preview shows how white text looks on a background with the Hex color 51558A.

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
51558A

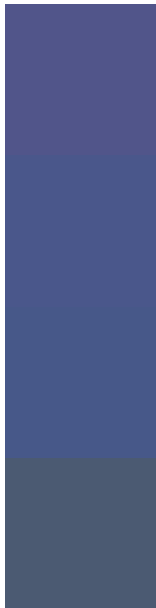
Protanopia
46588C

Deuteranopia
425989



Tritanopia
475D64

Trichromacy



Original Color
51558A

Protanomaly
4A578B

Deuteranomaly
475889

Tritanomaly
4B5A72

Monochromacy



Original Color
51558A

Achromatopsia
5A5A5A

Achromatomaly
57586B

CSS Examples

Text

The CSS property to change the color of the text to Hex 51558A 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 #51558A looks like.

```
.text, #text, p{  
    color:#51558A  
}
```

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 #51558A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #51558A
}
```

Border

The CSS property to change the border of an element to Hex 51558A 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".

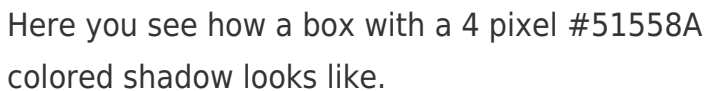
```
.border, #border, table{ border:4px solid
#51558A }
```

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

```
.border{ border-color:#51558A }
```

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

Here you see how a box with a 4 pixel #51558A colored shadow looks like.

A rectangular box with a dark blue border and a dark blue shadow. The box is white with a thin dark blue border on the top and left sides, and a thicker dark blue shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #51558A; -webkit-box-shadow:4px 4px  
4px 4px #51558A; box-shadow:4px 4px 4px  
4px #51558A }
```

Background

The CSS property to change the background color of an element to Hex 51558A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#51558A }
```

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

```
.background{ background-color:#51558A }
```

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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