

Converting Colors

Hex(52158C)

Have a look what the booklet for
Hex(52158C) contains.

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Color

Hex(52158C)

Conversions

Conversions Part 1

Format	Color
Hex	52158C
RGB	82, 21, 140
RGB Percent	32%, 8%, 55%
CMY	0.6784, 0.9176, 0.4510
CMYK	0.41, 0.85, 0.00, 0.45
HSL	271°, 74%, 32%
HSV	271°, 85%, 55%
XYZ	8.4815, 4.2236, 25.1792
YIQ	52.8050, -1.8430, 49.9410

Conversions

Conversions Part 2

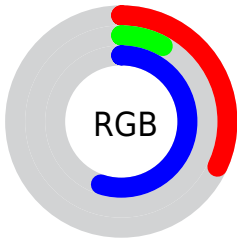
Format	Color
R_{YB}	82, 21, 140
Decimal	5379468
CIE _{Lab}	24.40, 49.31, -53.11
CIE _{LCh}	24, 72.469, 312.873
Yxy	4.2236, 0.2239, 0.1115
Android (android.graphics.Color)	4283569548 (0xFF52158C)
YUV	52.8050, 42.9871, 25.6040
Hunter-Lab	20.5514, 37.7009, -58.2547

Details

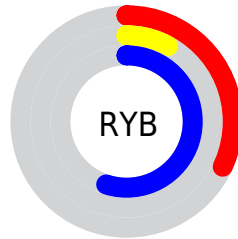
The Hex color **52158C** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **4F8C15**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **894AC3**, and **190059** is the 20% darker color. If you saturate the color by 10%, you get **4B078C**, and if you desaturate by 10%, it is **59238C**.

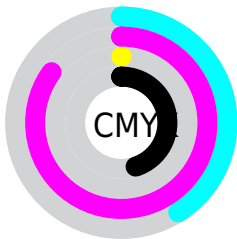
Distribution



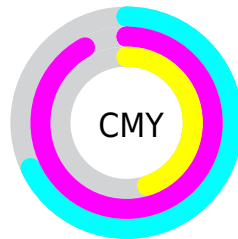
- Red (32%)
- Green (8%)
- Blue (55%)



- Red (32%)
- Yellow (8%)
- Blue (55%)



- Cyan (41%)
- Magenta (85%)
- Yellow (0%)
- Black (45%)



- Cyan (68%)
- Magenta (92%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 52158C 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 52158C by changing the saturation by 10% instead.

■ 52158C

■ 52158C

FFFFFF

■ 360072

■ 894AC3

■ 190059

■ A563DF

■ 000040

■ C27EFC

■ 000329

■ DF98FF

■ 000113

■ FDB4FF

■ 000000

■ FFD0FF

■ FFEDFF

■ 52158C

■ 52158C

■ 4B078C

■ 59238C

■ 48008C

■ 60318C

■ 663F8C

■ 6D4D8C

■ 745B8C

■ 7B698C

■ 82778C

■ 89858C

■ 8F938C

Harmonies

Analogous

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



003BA8



52158C



86005C

Triad

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



52158C



612B00



004D51

Complementary

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



52158C



4F8C15

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.



004C16



52158C



323F00

Square

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



52158C



820000



004800



004E85

Rectangle

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



52158C



910038



004800



004D3E

Sweetspot

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



52158C



9E86B5



15518C



4E3F5C



DBDBDB



5C5C5C

Same Dimension

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



52158C



5D00B5



8C158C



413E45



440085



030005

Inverse Universe

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



8C154F



B50058



158C15



453E41



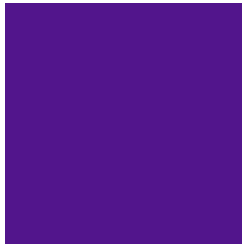
850041



050002

Previews

White Background



This preview shows how the Hex color 52158C 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 ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

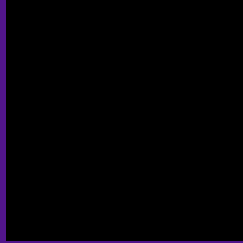
Any Text WCAG AA × Fail

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 52158C Background



This preview shows how black text looks on a background with the Hex color 52158C.



This preview shows how white text looks on a background with the Hex color 52158C.

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
52158C

Protanopia
003979

Deuteranopia
003D68



Tritanopia
41393E

Trichromacy



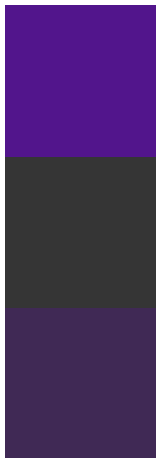
Original Color
52158C

Protanomaly
1E2C80

Deuteranomaly
1E2E75

Tritanomaly
472C5A

Monochromacy



Original Color
52158C

Achromatopsia
353535

Achromatomaly
402955

CSS Examples

Text

The CSS property to change the color of the text to Hex 52158C 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 #52158C looks like.

```
.text, #text, p{  
    color:#52158C  
}
```

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 #52158C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #52158C
}
```

Border

The CSS property to change the border of an element to Hex 52158C is called "border". The border property can be set on classes, ids or directly on the HTML element.

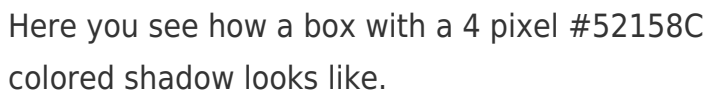
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#52158C }
```

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

```
.border{ border-color:#52158C }
```

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



Here you see how a box with a 4 pixel #52158C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #52158C; -webkit-box-shadow:4px 4px  
4px 4px #52158C; box-shadow:4px 4px 4px  
4px #52158C }
```

Background

The CSS property to change the background color of an element to Hex 52158C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#52158C }
```

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

```
.background{ background-color:#52158C }
```

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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