

Converting Colors

Hex(25118C)

Have a look what the booklet for
Hex(25118C) contains.

Hex(25118C)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(25118C)

Conversions

Conversions Part 1

Format	Color
Hex	25118C
RGB	37, 17, 140
RGB Percent	15%, 7%, 55%
CMY	0.8549, 0.9333, 0.4510
CMYK	0.74, 0.88, 0.00, 0.45
HSL	250°, 78%, 31%
HSV	250°, 88%, 55%
XYZ	5.6970, 2.6877, 25.0294
YIQ	37.0020, -27.5630, 42.4930

Conversions

Conversions Part 2

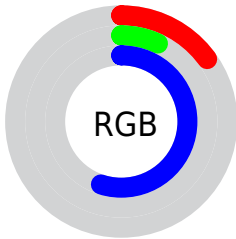
Format	Color
R_{YB}	37, 17, 140
Decimal	2429324
CIE _{Lab}	18.75, 45.91, -62.61
CIE _{LCh}	19, 77.634, 306.250
Yxy	2.6877, 0.1705, 0.0804
Android (android.graphics.Color)	4280619404 (0xFF25118C)
YUV	37.0020, 50.7780, -0.0018
Hunter-Lab	16.3941, 33.3399, -79.0443

Details

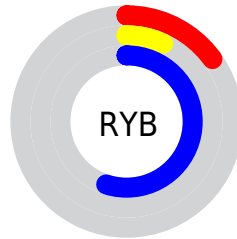
The Hex color **25118C** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **788C11**, and the grayscale version is **252525**.

A 20% lighter version of the original color is **6442C3**, and **000058** is the 20% darker color. If you saturate the color by 10%, you get **19038C**, and if you desaturate by 10%, it is **311F8C**.

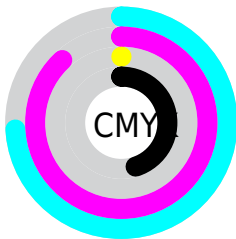
Distribution



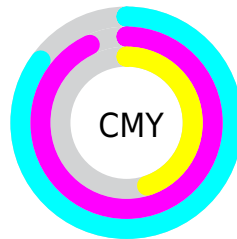
- Red (15%)
- Green (7%)
- Blue (55%)



- Red (15%)
- Yellow (7%)
- Blue (55%)



- Cyan (74%)
- Magenta (88%)
- Yellow (0%)
- Black (45%)



- Cyan (85%)
- Magenta (93%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 25118C 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 25118C by changing the saturation by 10% instead.

■ 25118C

■ 25118C

FFFEFF

■ 000072

■ 6442C3

■ 000058

■ 815ADF

■ 000740

■ 9E74FC

■ 000329

■ BB8EFF

■ 000113

■ D8A9FF

■ 000000

■ F6C5FF

■ FFE1FF

■ 25118C

■ 25118C

■ 19038C

■ 311F8C

■ 17008C

■ 3C2D8C

■ 483B8C

■ 54498C

■ 60578C

■ 6B658C

■ 77738C

■ 83818C

■ 8F8F8C

Harmonies

Analogous

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



0035A3



25118C



73005C

Triad

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



25118C



5B1300



004039

Complementary

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



25118C



788C11

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.



003E00



25118C



2F3000

Square

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



25118C



7A0000



003A00



004171

Rectangle

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



25118C



840038



003A00



004025

Sweetspot

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



25118C



8E86B5



117A8C



443F5C



DBDBDB



5C5C5C

Same Dimension

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



25118C



1D00B5



61118C



3F3E45



160085



010005

Inverse Universe

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



8C1178



B50098



3C8C11



453E44



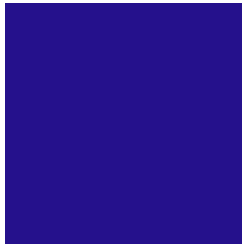
85006F



050004

Previews

White Background



This preview shows how the Hex color 25118C looks on a white background.

Color Contrast Check

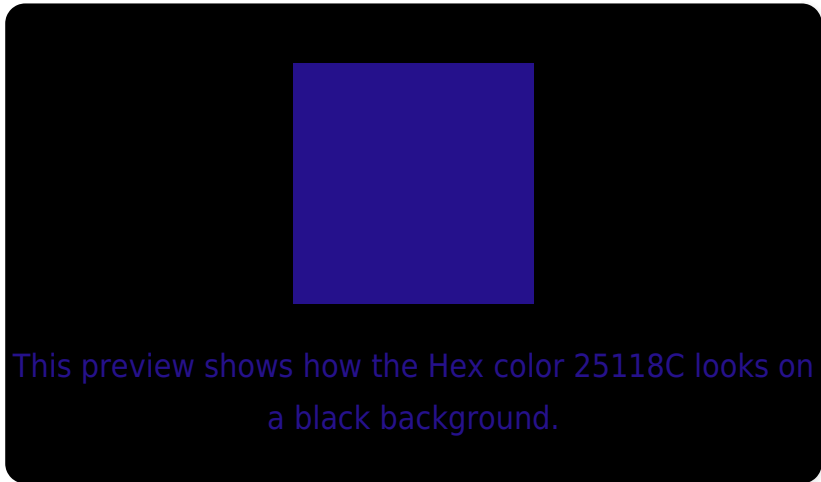
Large Text (above 18pt) WCAG AA ✓ Pass

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

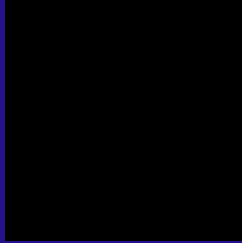
Any Text WCAG AA × Fail

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 25118C Background



This preview shows how black text looks on a background with the Hex color 25118C.



This preview shows how white text looks on a background with the Hex color 25118C.

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
25118C

Protanopia
002D5F

Deuteranopia
003151

Trichromacy



Original Color
25118C

Protanomaly
0D236F

Deuteranomaly
0D2566

Tritanomaly
0D2756

Monochromacy



Original Color
25118C

Achromatopsia
252525

Achromatomaly
251E4A

CSS Examples

Text

The CSS property to change the color of the text to Hex 25118C 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 #25118C looks like.

```
.text, #text, p{  
    color:#25118C  
}
```

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 #25118C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #25118C
}
```

Border

The CSS property to change the border of an element to Hex 25118C 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".

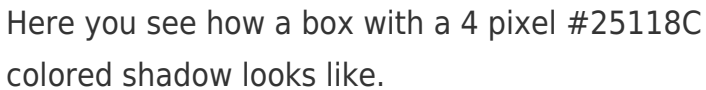
```
.border, #border, table{ border:4px solid
#25118C }
```

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

```
.border{ border-color:#25118C }
```

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

Here you see how a box with a 4 pixel #25118C colored shadow looks like.

A rectangular box with a dark blue border and a dark blue shadow. The box is white with a thin blue border. The shadow is a thick, dark blue horizontal bar at the bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #25118C; -webkit-box-shadow:4px 4px  
4px 4px #25118C; box-shadow:4px 4px 4px  
4px #25118C }
```

Background

The CSS property to change the background color of an element to Hex 25118C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#25118C }
```

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

```
.background{ background-color:#25118C }
```

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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