

Converting Colors

Hex(27198C)

Have a look what the booklet for
Hex(27198C) contains.

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Color

Hex(27198C)

Conversions

Conversions Part 1

Format	Color
Hex	27198C
RGB	39, 25, 140
RGB Percent	15%, 10%, 55%
CMY	0.8471, 0.9020, 0.4510
CMYK	0.72, 0.82, 0.00, 0.45
HSL	247°, 70%, 32%
HSV	247°, 82%, 55%
XYZ	5.9180, 3.0200, 25.0820
YIQ	42.2960, -28.5710, 38.7330

Conversions

Conversions Part 2

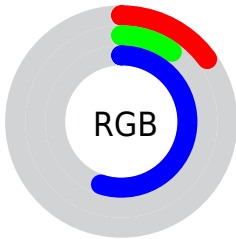
Format	Color
R_{YB}	39, 25, 140
Decimal	2562444
CIE _{Lab}	20.12, 42.47, -60.32
CIE _{LCh}	20, 73.769, 305.147
Yxy	3.0200, 0.1740, 0.0888
Android (android.graphics.Color)	4280752524 (0xFF27198C)
YUV	42.2960, 48.1681, -2.8906
Hunter-Lab	17.3783, 30.3739, -73.4081

Details

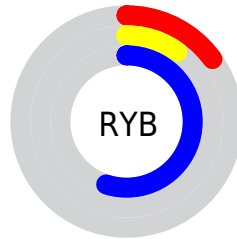
The Hex color **27198C** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **7E8C19**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **6548C3**, and **000059** is the 20% darker color. If you saturate the color by 10%, you get **1B0B8C**, and if you desaturate by 10%, it is **33278C**.

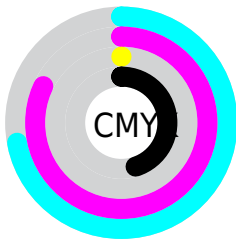
Distribution



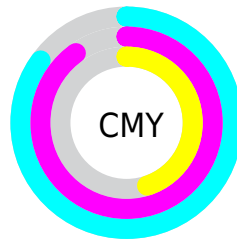
- Red (15%)
- Green (10%)
- Blue (55%)



- Red (15%)
- Yellow (10%)
- Blue (55%)



- Cyan (72%)
- Magenta (82%)
- Yellow (0%)
- Black (45%)



- Cyan (85%)
- Magenta (90%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 27198C 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 27198C by changing the saturation by 10% instead.

■ 27198C

■ 27198C

FFFFFF

■ 000272

■ 6548C3

■ 000059

■ 8161DF

■ 000740

■ 9E7AFC

■ 000329

■ BB94FF

■ 000113

■ D8AFFF

■ 000000

■ F6CBFF

■ FFE7FF

■ 27198C

■ 27198C

■ 1B0B8C

■ 33278C

■ 11008C

■ 40358C

■ 4C438C

■ 58518C

■ 645F8C

■ 716D8C

■ 7D7B8C

■ 89898C

■ 96978C

Harmonies

Analogous

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



0038A1



27198C



73005F

Triad

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



27198C



5F1700



004339

Complementary

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



27198C



7E8C19

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.



004100



27198C



353200

Square

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



27198C



7C0000



003D00



00436F

Rectangle

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



27198C



83003C



003D00



004226

Sweetspot

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



27198C



8D88B5



197F8C



44405C



DBDBDB



5C5C5C

Same Dimension

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



27198C



1802B5



60198C



3F3E45



100085



010005

Inverse Universe

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



8C197E



B5029F



458C19



453E44



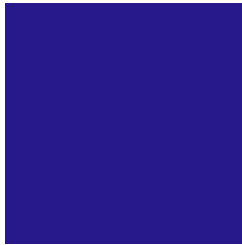
850074



050004

Previews

White Background



This preview shows how the Hex color 27198C looks on a white background.

Color Contrast Check

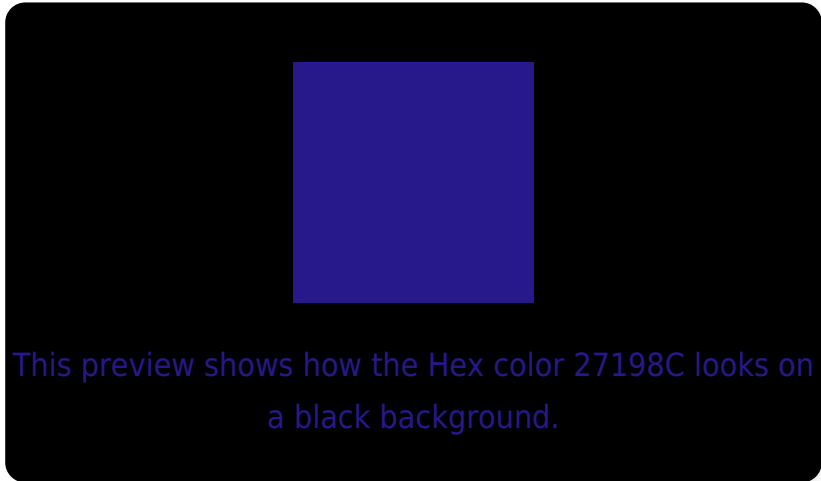
Large Text (above 18pt) WCAG AA ✓ Pass

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

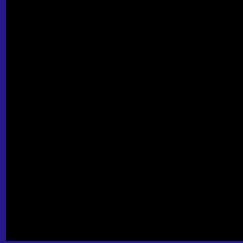
Any Text WCAG AA × Fail

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 27198C Background



This preview shows how black text looks on a background with the Hex color 27198C.



This preview shows how white text looks on a background with the Hex color 27198C.

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
27198C

Protanopia
003064

Deuteranopia
003355

Trichromacy



Original Color
27198C

Protanomaly
0E2873

Deuteranomaly
0E2A69

Tritanomaly
0E2C58

Monochromacy



Original Color
27198C

Achromatopsia
2A2A2A

Achromatomaly
29244E

CSS Examples

Text

The CSS property to change the color of the text to Hex 27198C 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 #27198C looks like.

```
.text, #text, p{  
    color:#27198C  
}
```

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 #27198C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #27198C
}
```

Border

The CSS property to change the border of an element to Hex 27198C 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".

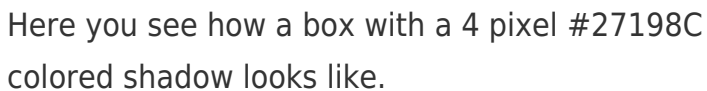
```
.border, #border, table{ border:4px solid
#27198C }
```

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

```
.border{ border-color:#27198C }
```

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

Here you see how a box with a 4 pixel #27198C colored shadow looks like.

A rectangular box with a thick 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 #27198C; -webkit-box-shadow:4px 4px  
4px 4px #27198C; box-shadow:4px 4px 4px  
4px #27198C }
```

Background

The CSS property to change the background color of an element to Hex 27198C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#27198C }
```

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

```
.background{ background-color:#27198C }
```

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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