

Converting Colors

Hex(22198A)

Have a look what the booklet for
Hex(22198A) contains.

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Color

Hex(22198A)

Conversions

Conversions Part 1

Format	Color
Hex	22198A
RGB	34, 25, 138
RGB Percent	13%, 10%, 54%
CMY	0.8667, 0.9020, 0.4588
CMYK	0.75, 0.82, 0.00, 0.46
HSL	245°, 69%, 32%
HSV	245°, 82%, 54%
XYZ	5.5948, 2.8703, 24.3039
YIQ	40.5730, -30.9090, 37.0510

Conversions

Conversions Part 2

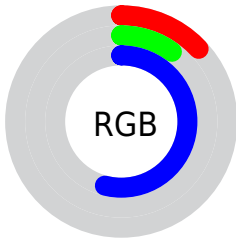
Format	Color
R _Y B	34, 25, 138
Decimal	2234762
CIE Lab	19.52, 41.41, -60.08
CIE LCh	20, 72.972, 304.574
Yxy	2.8703, 0.1707, 0.0876
Android (android.graphics.Color)	4280424842 (0xFF22198A)
YUV	40.5730, 48.0315, -5.7645
Hunter-Lab	16.9420, 29.2975, -73.1941

Details

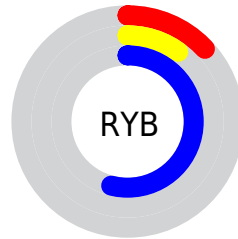
The Hex color **22198A** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **818A19**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **6148C1**, and **000057** is the 20% darker color. If you saturate the color by 10%, you get **150B8A**, and if you desaturate by 10%, it is **2F278A**.

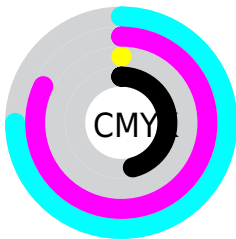
Distribution



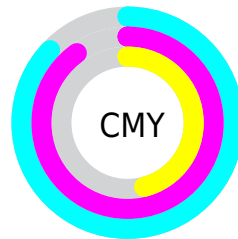
- Red (13%)
- Green (10%)
- Blue (54%)



- Red (13%)
- Yellow (10%)
- Blue (54%)



- Cyan (75%)
- Magenta (82%)
- Yellow (0%)
- Black (46%)



- Cyan (87%)
- Magenta (90%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 22198A 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 22198A by changing the saturation by 10% instead.

■ 22198A

■ 22198A

FFFFFF

■ 000370

■ 6148C1

■ 000057

■ 7E60DD

■ 00063E

■ 9B79FA

■ 000327

■ B794FF

■ 000111

■ D5AFFF

■ 000000

■ F2CAFF

■ FFE6FF

■ 22198A

■ 22198A

■ 150B8A

■ 2F278A

■ 0B008A

■ 3B358A

■ 48428A

■ 55508A

■ 625E8A

■ 6E6C8A

■ 7B7A8A

■ 88878A

■ 94958A

Harmonies

Analogous

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



00379E



22198A



70005E

Triad

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



22198A



5D1500



004137

Complementary

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



22198A



818A19

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.



003F00



22198A



343100

Square

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



22198A



7A0000



003B00



00426C

Rectangle

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



22198A



81003C



003B00



004024

Sweetspot

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



22198A



8986B3



19828A



413E59



D9D9D9



595959

Same Dimension

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



22198A



1204B3



59198A



3F3E45



0B0085



000005

Inverse Universe

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



8A1981



B304A5



4A8A19



453E44



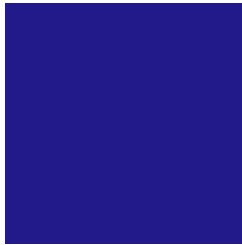
85007A



050005

Previews

White Background



This preview shows how the Hex color 22198A looks on a white background.

Color Contrast Check

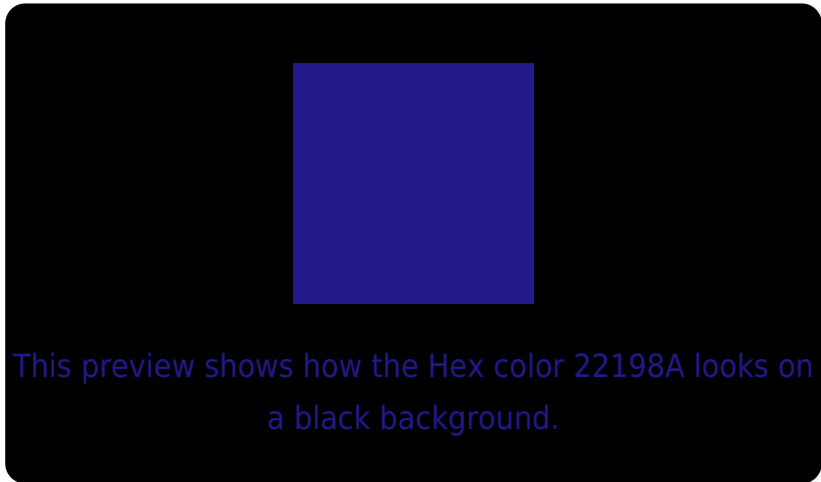
Large Text (above 18pt) WCAG AA ✓ Pass

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

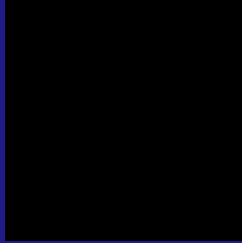
Any Text WCAG AA × Fail

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 22198A Background



This preview shows how black text looks on a background with the Hex color 22198A.



This preview shows how white text looks on a background with the Hex color 22198A.

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
22198A

Protanopia
002F62

Deuteranopia
003253

Trichromacy



Original Color
22198A

Protanomaly
0C2771

Deuteranomaly
0C2967

Tritanomaly
0C2B56

Monochromacy



Original Color
22198A

Achromatopsia
292929

Achromatomaly
26234C

CSS Examples

Text

The CSS property to change the color of the text to Hex 22198A 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 #22198A looks like.

```
.text, #text, p{  
    color:#22198A  
}
```

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 #22198A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #22198A
}
```

Border

The CSS property to change the border of an element to Hex 22198A 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
#22198A }
```

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

```
.border{ border-color:#22198A }
```

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

Here you see how a box with a 4 pixel #22198A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #22198A; -webkit-box-shadow:4px 4px  
4px 4px #22198A; box-shadow:4px 4px 4px  
4px #22198A }
```

Background

The CSS property to change the background color of an element to Hex 22198A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#22198A }
```

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

```
.background{ background-color:#22198A }
```

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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