

Converting Colors

Hex(1900AF)

Have a look what the booklet for
Hex(1900AF) contains.

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Color

Hex(1900AF)

Conversions

Conversions Part 1

Format	Color
Hex	1900AF
RGB	25, 0, 175
RGB Percent	10%, 0%, 69%
CMY	0.9020, 1.0000, 0.3137
CMYK	0.86, 1.00, 0.00, 0.31
HSL	249°, 100%, 34%
HSV	249°, 100%, 69%
XYZ	8.1388, 3.3018, 40.7658
YIQ	27.4250, -41.2750, 59.7250

Conversions

Conversions Part 2

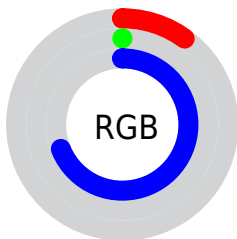
Format	Color
R_{YB}	25, 0, 175
Decimal	1638575
CIE _{Lab}	21.21, 59.98, -79.99
CIE _{LCh}	21, 99.974, 306.864
Yxy	3.3018, 0.1559, 0.0632
Android (android.graphics.Color)	4279828655 (0xFF1900AF)
YUV	27.4250, 72.7545, -2.1267
Hunter-Lab	18.1709, 48.1512, -120.2954

Details

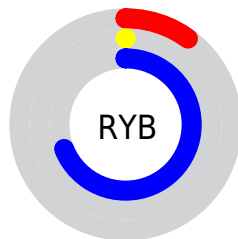
The Hex color **1900AF** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **96AF00**, and the grayscale version is **1B1B1B**.

A 20% lighter version of the original color is **683CE8**, and **000079** is the 20% darker color. If you saturate the color by 10%, you get **1900AF**, and if you desaturate by 10%, it is **2811AF**.

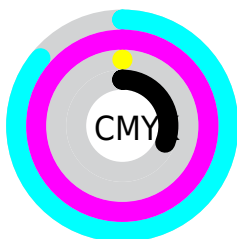
Distribution



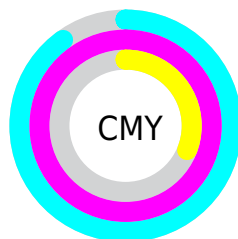
- Red (10%)
- Green (0%)
- Blue (69%)



- Red (10%)
- Yellow (0%)
- Blue (69%)



- Cyan (86%)
- Magenta (100%)
- Yellow (0%)
- Black (31%)



- Cyan (90%)
- Magenta (100%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1900AF 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 1900AF by changing the saturation by 10% instead.

 1900AF

 1900AF


 FFFBFF

 000093

 683CE8

 000079

 8856FF

 00005F

 A670FF

 000846

 C58AFF

 00042F

 E4A6FF

 000119

 FFC2FF

 000000

 FFDEFF

 1900AF

■ 2811AF

■ 3723AF

■ 4635AF

■ 5546AF

■ 6458AF

■ 7369AF

■ 827AAF

■ 918CAF

■ A09EAF

Harmonies

Analogous

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



003ECF



1900AF



8E006F

Triad

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



1900AF



6A0B00



004843

Complementary

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



1900AF



96AF00

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.



004600



1900AF



303700

Square

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



1900AF



930000



004200



004B8E

Rectangle

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



1900AF



A2003F



004200



004729

Sweetspot

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



1900AF



A99FE3



0098AF



4F4973



F2F2F2



737373

Same Dimension

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



1900AF



2000E3



6F00AF



4F4E57



150096



030017

Inverse Universe

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



AF0096



E300C3



40AF00



574E55



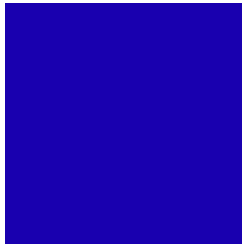
960081



170014

Previews

White Background



This preview shows how the Hex color 1900AF looks on a white background.

Color Contrast Check

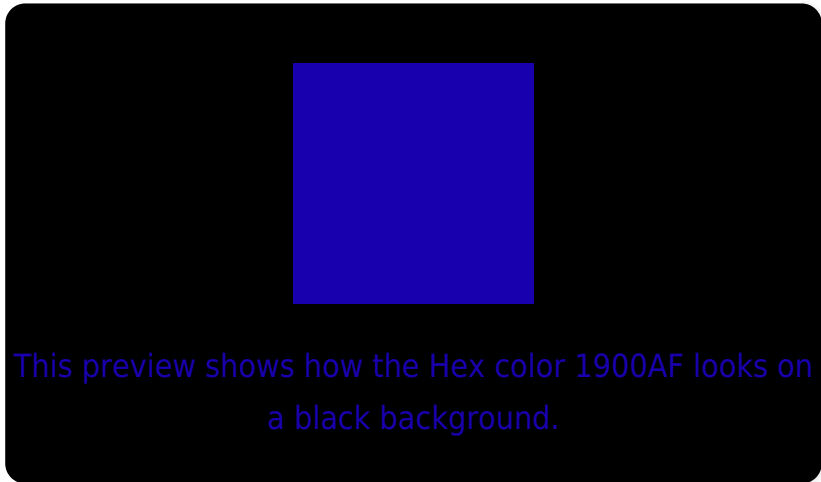
Large Text (above 18pt) WCAG AA ✓ Pass

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

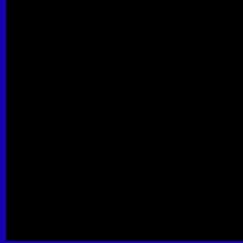
Any Text WCAG AA × Fail

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 1900AF Background



This preview shows how black text looks on a background with the Hex color 1900AF.



This preview shows how white text looks on a background with the Hex color 1900AF.

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
1900AF

Protanopia
00346D

Deuteranopia
00385C



Tritanopia
003C3F

Trichromacy



Original Color
1900AF

Protanomaly
092185

Deuteranomaly
09247A

Tritanomaly
092668

Monochromacy



Original Color
1900AF

Achromatopsia
1B1B1B

Achromatomaly
1A1151

CSS Examples

Text

The CSS property to change the color of the text to Hex 1900AF 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 #1900AF looks like.

```
.text, #text, p{  
    color:#1900AF  
}
```

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 #1900AF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1900AF
}
```

Border

The CSS property to change the border of an element to Hex 1900AF 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
#1900AF }
```

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

```
.border{ border-color:#1900AF }
```

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

Here you see how a box with a 4 pixel #1900AF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1900AF; -webkit-box-shadow:4px 4px  
4px 4px #1900AF; box-shadow:4px 4px 4px  
4px #1900AF }
```

Background

The CSS property to change the background color of an element to Hex 1900AF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1900AF }
```

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

```
.background{ background-color:#1900AF }
```

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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