

# Converting Colors

Hex(191A78)

Have a look what the booklet for  
Hex(191A78) contains.

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# Color

**Hex(191A78)**

# Conversions

## Conversions Part 1

Format	Color
Hex	191A78
RGB	25, 26, 120
RGB Percent	10%, 10%, 47%
CMY	0.9020, 0.8980, 0.5294
CMYK	0.79, 0.78, 0.00, 0.53
HSL	239°, 66%, 28%
HSV	239°, 79%, 47%
XYZ	4.1605, 2.3015, 17.9943
YIQ	36.4170, -30.7700, 29.0220

# Conversions

## Conversions Part 2

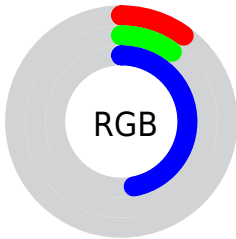
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	25, 26, 120
Decimal	1645176
CIE <sub>Lab</sub>	17.00, 33.99, -52.86
CIE <sub>LCh</sub>	17, 62.848, 302.738
Yxy	2.3015, 0.1701, 0.0941
Android (android.graphics.Color)	4279835256 (0xFF191A78)
YUV	36.4170, 41.2064, -10.0127
Hunter-Lab	15.1708, 22.4033, -59.7050

# Details

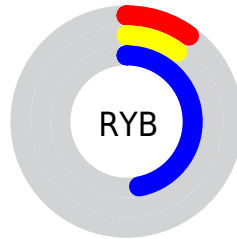
The Hex color **191A78** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **787719**, and the grayscale version is **242424**.

A 20% lighter version of the original color is **5747AD**, and **000046** is the 20% darker color. If you saturate the color by 10%, you get **0D0E78**, and if you desaturate by 10%, it is **252678**.

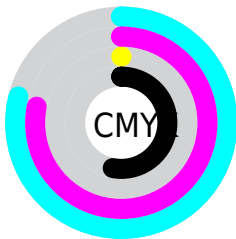
# Distribution



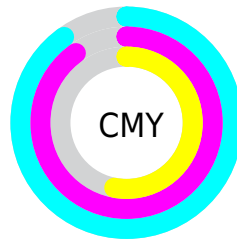
- Red (10%)
- Green (10%)
- Blue (47%)



- Red (10%)
- Yellow (10%)
- Blue (47%)



- Cyan (79%)
- Magenta (78%)
- Yellow (0%)
- Black (53%)



- Cyan (90%)
- Magenta (90%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 191A78 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 191A78 by changing the saturation by 10% instead.



 191A78

 191A78

FFFFFF

 00055F


 5747AD

 000046

 735FC9

 00042F

 8F78E6

 000119

 AB92FF

 000000

 C8ADFF

 E5C8FF

 FFE4FF

 191A78

 191A78

■ 0D0E78

■ 252678

■ 010278

■ 313278

■ 000178

■ 3D3E78

■ 494978

■ 555578

■ 616178

■ 6D6D78

■ 797978

■ 858578

# Harmonies

## Analogous

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



003187



191A78



5F0054

# Triad

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



191A78



541300



003A2D

# Complementary

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



191A78



787719

# 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.



003800



191A78



312A00

# Square

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



191A78



6B0000



003400



003A5B

# Rectangle

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



191A78



6E0037



003400



00391D



# Sweetspot

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



191A78



76779C



197876



38384F



CFCFCF



4F4F4F



# Same Dimension

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



191A78



08099C



471978



37373D



00017D



0003FC



# Inverse Universe

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



78191A



9C0809



4A7819



3D3737



7D0001

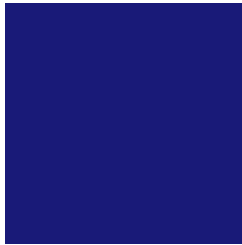


FC0003



# Previews

## White Background



This preview shows how the Hex color 191A78 looks on a white background.

## Color Contrast Check

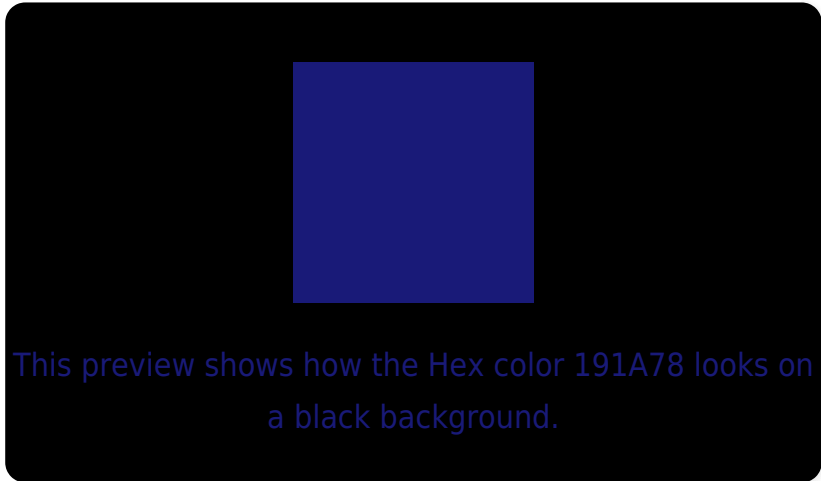
Large Text (above 18pt) WCAG AA ✓ Pass

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

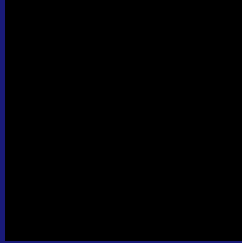
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 191A78 Background



This preview shows how black text looks on a background with the Hex color 191A78.



This preview shows how white text looks on a background with the Hex color 191A78.

# 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**  
191A78

**Protanopia**  
002957

**Deuteranopia**  
002C4A



# Trichromacy



**Original Color**  
191A78

**Protanomaly**  
092463

**Deuteranomaly**  
09255B

**Tritanomaly**  
09284B

# Monochromacy



**Original Color**  
191A78

**Achromatopsia**  
242424

**Achromatomaly**  
202043

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 191A78 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 #191A78 looks like.

```
.text, #text, p{  
    color:#191A78  
}
```

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 #191A78 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #191A78
}
```

## Border

The CSS property to change the border of an element to Hex 191A78 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".

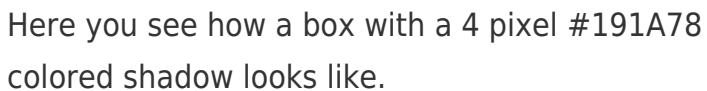
```
.border, #border, table{ border:4px solid
#191A78 }
```

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

```
.border{ border-color:#191A78 }
```

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

Here you see how a box with a 4 pixel #191A78 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #191A78; -webkit-box-shadow:4px 4px  
4px 4px #191A78; box-shadow:4px 4px 4px  
4px #191A78 }
```

# Background

The CSS property to change the background color of an element to Hex 191A78 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#191A78 }
```

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

```
.background{ background-color:#191A78 }
```

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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