

# Converting Colors

Hex(19126F)

Have a look what the booklet for  
Hex(19126F) contains.

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# Color

**Hex(19126F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	19126F
RGB	25, 18, 111
RGB Percent	10%, 7%, 44%
CMY	0.9020, 0.9294, 0.5647
CMYK	0.77, 0.84, 0.00, 0.56
HSL	245°, 72%, 25%
HSV	245°, 84%, 44%
XYZ	3.4865, 1.7870, 15.2001
YIQ	30.6950, -25.6810, 30.4070

# Conversions

## Conversions Part 2

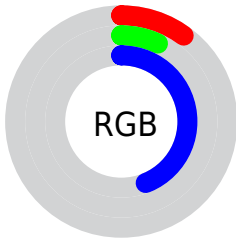
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	25, 18, 111
Decimal	1643119
CIE <sub>Lab</sub>	14.33, 35.41, -51.46
CIE <sub>LCh</sub>	14, 62.469, 304.531
Yxy	1.7870, 0.1703, 0.0873
Android (android.graphics.Color)	4279833199 (0xFF19126F)
YUV	30.6950, 39.5904, -4.9945
Hunter-Lab	13.3678, 23.1608, -58.0592

# Details

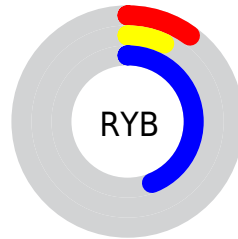
The Hex color **19126F** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **686F12**, and the grayscale version is **1E1E1E**.

A 20% lighter version of the original color is **553FA4**, and **00003E** is the 20% darker color. If you saturate the color by 10%, you get **0F076F**, and if you desaturate by 10%, it is **231D6F**.

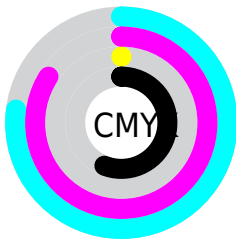
# Distribution



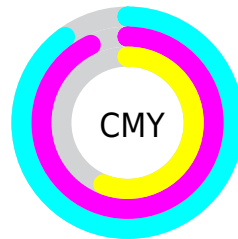
- Red (10%)
- Green (7%)
- Blue (44%)



- Red (10%)
- Yellow (7%)
- Blue (44%)



- Cyan (77%)
- Magenta (84%)
- Yellow (0%)
- Black (56%)



- Cyan (90%)
- Magenta (93%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 19126F 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 19126F by changing the saturation by 10% instead.



■ 19126F

■ 19126F

■ FFF8FF

■ 000056

■ 553FA4

■ 00003E

■ 7157BF

■ 000327

■ 8C70DC

■ 000110

■ A989F8

■ 000000

■ C5A4FF

■ E2BFFF

■ FFDBFF

■ 19126F

■ 19126F

■ 0F076F

■ 231D6F

■ 08006F

■ 2E286F

■ 38336F

■ 423E6F

■ 4C4A6F

■ 57556F

■ 61606F

■ 6B6B6F

■ 75766F

# Harmonies

## Analogous

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



002A7F



19126F



59004B

# Triad

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



19126F



4A0F00



00342A

# Complementary

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



19126F



686F12

# 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.



003200



19126F



282500

# Square

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



19126F



620000



002E00



003456

# Rectangle

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



19126F



67002E



002E00



00341B



# Sweetspot

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



19126F



706D91



12696F



35344A



C9C9C9



4A4A4A



# Same Dimension

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



19126F



0B0091



47126F



333238



090078



1300F7



# Inverse Universe

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



6F1268



910086



3A6F12



383238



78006F

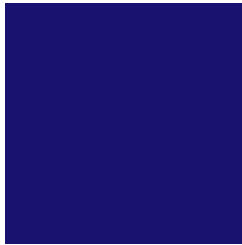


F700E5



# Previews

## White Background



This preview shows how the Hex color 19126F looks on a white background.

## Color Contrast Check

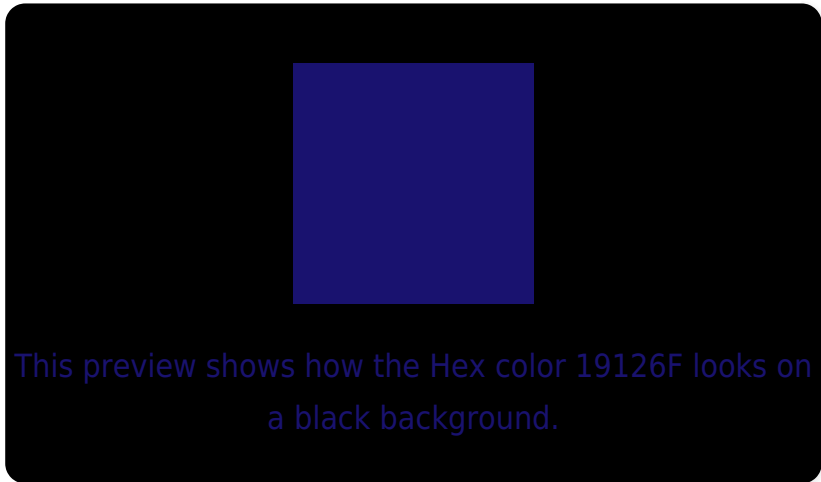
Large Text (above 18pt) WCAG AA ✓ Pass

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

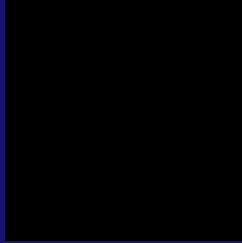
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 19126F Background



This preview shows how black text looks on a background with the Hex color 19126F.



This preview shows how white text looks on a background with the Hex color 19126F.

# 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**  
19126F

**Protanopia**  
00244D

**Deuteranopia**  
002741



# Trichromacy



**Original Color**  
19126F

**Protanomaly**  
091D59

**Deuteranomaly**  
091F52

**Tritanomaly**  
092144

# Monochromacy



**Original Color**  
19126F

**Achromatopsia**  
1F1F1F

**Achromatomaly**  
1D1A3C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 19126F 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 #19126F looks like.

```
.text, #text, p{  
    color:#19126F  
}
```

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 #19126F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #19126F
}
```

## Border

The CSS property to change the border of an element to Hex 19126F 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".

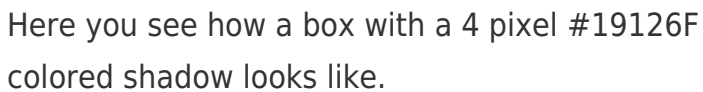
```
.border, #border, table{ border:4px solid
#19126F }
```

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

```
.border{ border-color:#19126F }
```

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

Here you see how a box with a 4 pixel #19126F colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #19126F; -webkit-box-shadow:4px 4px  
4px 4px #19126F; box-shadow:4px 4px 4px  
4px #19126F }
```

# Background

The CSS property to change the background color of an element to Hex 19126F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#19126F }
```

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

```
.background{ background-color:#19126F }
```

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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