

# Converting Colors

Hex(19376D)

Have a look what the booklet for  
Hex(19376D) contains.

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# Color

**Hex(19376D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	19376D
RGB	25, 55, 109
RGB Percent	10%, 22%, 43%
CMY	0.9020, 0.7843, 0.5725
CMYK	0.77, 0.50, 0.00, 0.57
HSL	219°, 63%, 26%
HSV	219°, 77%, 43%
XYZ	4.5274, 4.0432, 15.0098
YIQ	52.1860, -35.2140, 10.4340

# Conversions

## Conversions Part 2

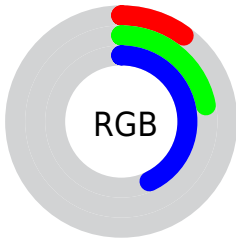
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	25, 47, 109
Decimal	1652589
CIE <sub>Lab</sub>	23.81, 9.64, -34.67
CIE <sub>LCh</sub>	24, 35.986, 285.534
Yxy	4.0432, 0.1920, 0.1715
Android (android.graphics.Color)	4279842669 (0xFF19376D)
YUV	52.1860, 28.0093, -23.8421
Hunter-Lab	20.1077, 5.0024, -30.1829

# Details

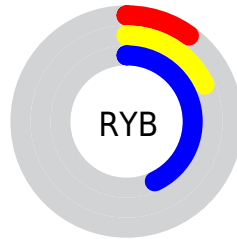
The Hex color **19376D** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **6D4F19**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **5165A1**, and **000C3D** is the 20% darker color. If you saturate the color by 10%, you get **0E306D**, and if you desaturate by 10%, it is **243E6D**.

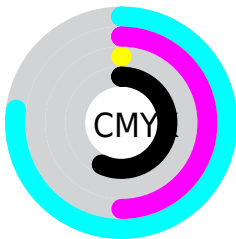
# Distribution



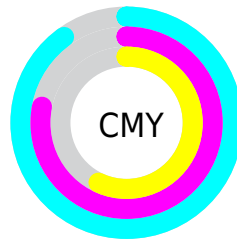
- Red (10%)
- Green (22%)
- Blue (43%)



- Red (10%)
- Yellow (18%)
- Blue (43%)



- Cyan (77%)
- Magenta (50%)
- Yellow (0%)
- Black (57%)



- Cyan (90%)
- Magenta (78%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 19376D 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 19376D by changing the saturation by 10% instead.



■ 19376D

■ 19376D

FFFFFF

■ 002254

■ 5165A1

■ 000C3D

■ 6C7EBC

■ 000326

■ 8798D8

■ 000110

■ A2B3F5

■ 000000

■ BECEFF

■ DBEAFF

■ F8FFFF

■ 19376D

■ 19376D

■ 0E306D

■ 243E6D

■ 03296D

■ 2F456D

■ 00276D

■ 3A4C6D

■ 45536D

■ 4F5A6D

■ 5A616D

■ 65686D

■ 706F6D

■ 7B766D

# Harmonies

## Analogous

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



003F6D



19376D



4B2B5F

# Triad

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



19376D



612713



00442A

# Complementary

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



19376D



6D4F19

# 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.



18410F



19376D



503300

# Square

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



19376D



691D2C



393C00



004546

# Rectangle

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



19376D



5D2250



393C00



004421



# Sweetspot

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



19376D



6E7A8F



196D4E



333B47



C7C7C7



474747



# Same Dimension

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



19376D



0B3A8F



24196D



303236



002A75



0057F5



# Inverse Universe

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



6D1937



8F0B3A



626D19



363032



75002A



F50057



# Previews

## White Background



This preview shows how the Hex color 19376D looks on a white background.

## Color Contrast Check

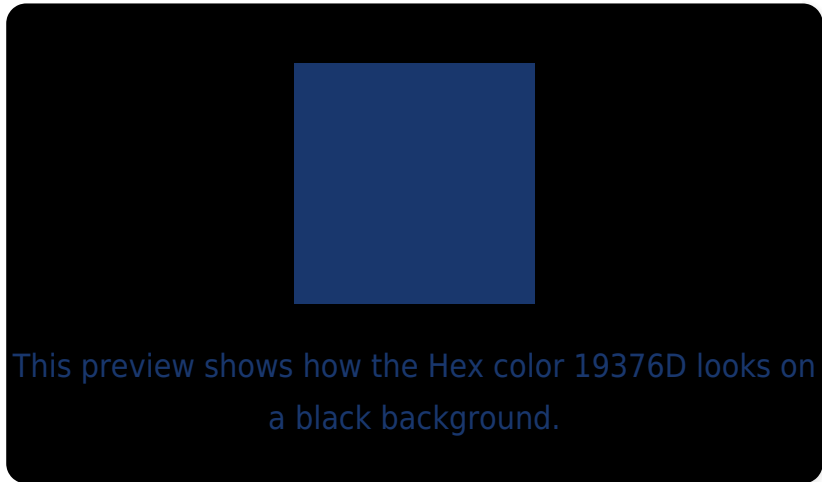
Large Text (above 18pt) WCAG AA ✓ Pass

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

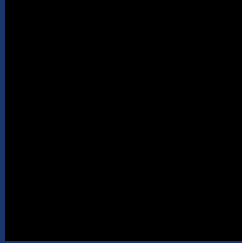
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 19376D Background



This preview shows how black text looks on a background with the Hex color 19376D.



This preview shows how white text looks on a background with the Hex color 19376D.

# 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**  
19376D

**Protanopia**  
1A376D

**Deuteranopia**  
003A65



**Tritanopia**  
003F44

# Trichromacy



**Original Color**  
19376D

**Protanomaly**  
1A376D

**Deuteranomaly**  
093968

**Tritanomaly**  
093C53

# Monochromacy



**Original Color**  
19376D

**Achromatopsia**  
343434

**Achromatomaly**  
2A3549

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 19376D 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 #19376D looks like.

```
.text, #text, p{  
    color:#19376D  
}
```

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 #19376D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #19376D
}
```

## Border

The CSS property to change the border of an element to Hex 19376D 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".

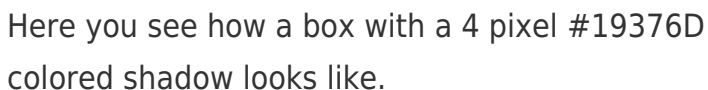
```
.border, #border, table{ border:4px solid
#19376D }
```

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

```
.border{ border-color:#19376D }
```

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

Here you see how a box with a 4 pixel #19376D colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #19376D; -webkit-box-shadow:4px 4px  
4px 4px #19376D; box-shadow:4px 4px 4px  
4px #19376D }
```

# Background

The CSS property to change the background color of an element to Hex 19376D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#19376D }
```

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

```
.background{ background-color:#19376D }
```

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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