

Converting Colors

Hex(18427C)

Have a look what the booklet for
Hex(18427C) contains.

Hex(18427C)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(18427C)

Conversions

Conversions Part 1

Format	Color
Hex	18427C
RGB	24, 66, 124
RGB Percent	9%, 26%, 49%
CMY	0.9059, 0.7412, 0.5137
CMYK	0.81, 0.47, 0.00, 0.51
HSL	215°, 68%, 29%
HSV	215°, 81%, 49%
XYZ	5.9630, 5.5459, 19.8250
YIQ	60.0540, -43.6500, 9.1340

Conversions

Conversions Part 2

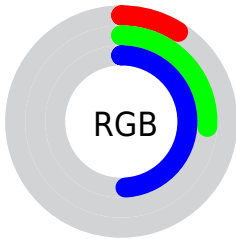
Format	Color
R _Y B	24, 54, 124
Decimal	1589884
CIE Lab	28.24, 8.00, -37.09
CIE LCh	28, 37.940, 282.175
Yxy	5.5459, 0.1903, 0.1770
Android (android.graphics.Color)	4279779964 (0xFF18427C)
YUV	60.0540, 31.5254, -31.6194
Hunter-Lab	23.5496, 3.9860, -33.4278

Details

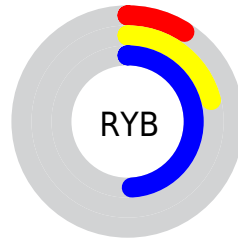
The Hex color **18427C** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **7C5218**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **5471B1**, and **00184A** is the 20% darker color. If you saturate the color by 10%, you get **0C3B7C**, and if you desaturate by 10%, it is **24497C**.

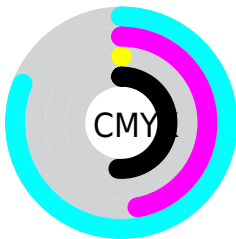
Distribution



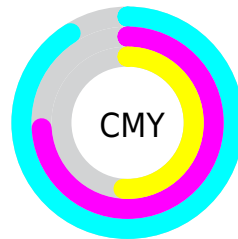
- Red (9%)
- Green (26%)
- Blue (49%)



- Red (9%)
- Yellow (21%)
- Blue (49%)



- Cyan (81%)
- Magenta (47%)
- Yellow (0%)
- Black (51%)



- Cyan (91%)
- Magenta (74%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 18427C 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 18427C by changing the saturation by 10% instead.

■ 18427C

■ 18427C

FFFFFF

■ 002C63

■ 5471B1

■ 00184A

■ 708BCD

■ 000433

■ 8BA5E9

■ 00021D

■ A7C0FF

■ 000000

■ C4DCFF

■ E1F8FF

■ FEFFFF

■ 18427C

■ 18427C

■ 0C3B7C

■ 24497C

■ 00347C

■ 31507C

■ 3D587C

■ 4A5F7C

■ 56667C

■ 626D7C

■ 6F747C

■ 7B7C7C

■ 88837C

Harmonies

Analogous

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



004B7A



18427C



53356E

Triad

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



18427C



712E1D



004F30

Complementary

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



18427C



7C5218

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.



254C13



18427C



5F3B05

Square

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



18427C



772538



464500



00504E

Rectangle

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



18427C



672C5E



464500



004E26

Sweetspot

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



18427C



7A8AA1



187C51



3A4452



D1D1D1



525252

Same Dimension

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



18427C



0546A1



1F187C



373A3D



00347D



006AFC

Inverse Universe

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



7C1842



A10546



757C18



3D373A



7D0034



FC006A

Previews

White Background



This preview shows how the Hex color 18427C looks on a white background.

Color Contrast Check

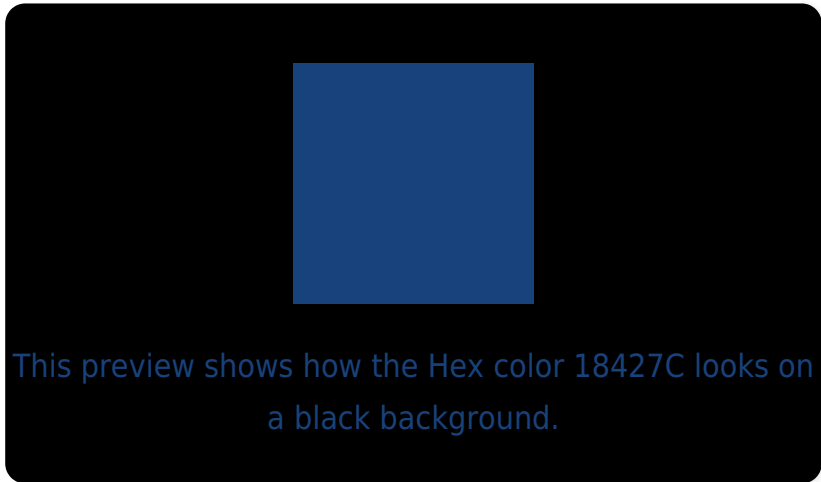
Large Text (above 18pt) WCAG AA ✓ Pass

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 18427C Background



This preview shows how black text looks on a background with the Hex color 18427C.



This preview shows how white text looks on a background with the Hex color 18427C.

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
18427C

Protanopia
25417B

Deuteranopia
004478



Tritanopia
004A4F

Trichromacy



Original Color
18427C

Protanomaly
20417B

Deuteranomaly
094379

Tritanomaly
09475F

Monochromacy



Original Color
18427C

Achromatopsia
3C3C3C

Achromatomaly
2F3E53

CSS Examples

Text

The CSS property to change the color of the text to Hex 18427C 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 #18427C looks like.

```
.text, #text, p{  
    color:#18427C  
}
```

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 #18427C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #18427C
}
```

Border

The CSS property to change the border of an element to Hex 18427C is called "border". The border property can be set on classes, ids or directly on the HTML element.

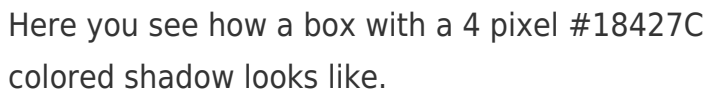
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#18427C }
```

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

```
.border{ border-color:#18427C }
```

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



Here you see how a box with a 4 pixel #18427C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #18427C; -webkit-box-shadow:4px 4px  
4px 4px #18427C; box-shadow:4px 4px 4px  
4px #18427C }
```

Background

The CSS property to change the background color of an element to Hex 18427C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#18427C }
```

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

```
.background{ background-color:#18427C }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor