

# Converting Colors

Hex(18488D)

Have a look what the booklet for  
Hex(18488D) contains.

<b>Hex(18488D)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	28

# Color

**Hex(18488D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	18488D
RGB	24, 72, 141
RGB Percent	9%, 28%, 55%
CMY	0.9059, 0.7176, 0.4471
CMYK	0.83, 0.49, 0.00, 0.45
HSL	215°, 71%, 32%
HSV	215°, 83%, 55%
XYZ	7.5018, 6.7520, 26.1072
YIQ	65.5140, -50.7570, 11.2830

# Conversions

## Conversions Part 2

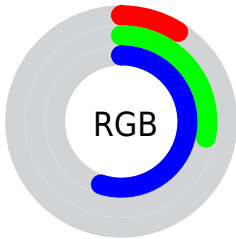
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	24, 58, 141
Decimal	1591437
CIE <sub>Lab</sub>	31.24, 10.87, -42.81
CIE <sub>LCh</sub>	31, 44.169, 284.253
Yxy	6.7520, 0.1859, 0.1673
Android (android.graphics.Color)	4279781517 (0xFF18488D)
YUV	65.5140, 37.2146, -36.4078
Hunter-Lab	25.9846, 6.0599, -41.3804

# Details

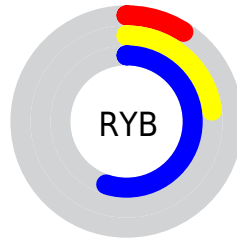
The Hex color **18488D** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **8D5D18**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **5978C3**, and **001E5A** is the 20% darker color. If you saturate the color by 10%, you get **0A408D**, and if you desaturate by 10%, it is **26508D**.

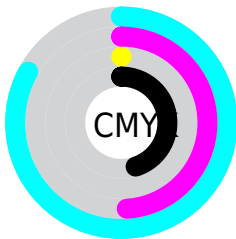
# Distribution



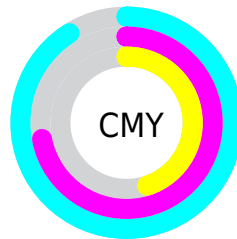
- Red (9%)
- Green (28%)
- Blue (55%)



- Red (9%)
- Yellow (23%)
- Blue (55%)



- Cyan (83%)
- Magenta (49%)
- Yellow (0%)
- Black (45%)



- Cyan (91%)
- Magenta (72%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 18488D 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 18488D by changing the saturation by 10% instead.



■ 18488D

■ 18488D

FFFFFF

■ 003273

■ 5978C3

■ 001E5A

■ 7591DF

■ 000342

■ 91ACFC

■ 00032B

■ AEC7FF

■ 000115

■ CAE3FF

■ 000000

■ E8FFFF

■ 18488D

■ 18488D

■ 0A408D

■ 26508D

003A8D

34598D

42618D

50698D

5F728D

6D7A8D

7B828D

898B8D

97938D

# Harmonies

## Analogous

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



00538C



18488D



5F387B

# Triad

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



18488D



7E321A



005835

# Complementary

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



18488D



8D5D18

# 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.



215412



18488D



684100

# Square

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



18488D



87253B



4A4D00



00595A

# Rectangle

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



18488D



762D68



4A4D00



00572A



# Sweetspot

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



18488D



8A9DB8



188D5C



404C5C



DBDBDB



5C5C5C



# Same Dimension

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



18488D



004BB8



22188D



404347



003787



000308



# Inverse Universe

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



8D1848



B8004B



838D18



474043



870037



080003



# Previews

## White Background



This preview shows how the Hex color 18488D looks on a white background.

## Color Contrast Check

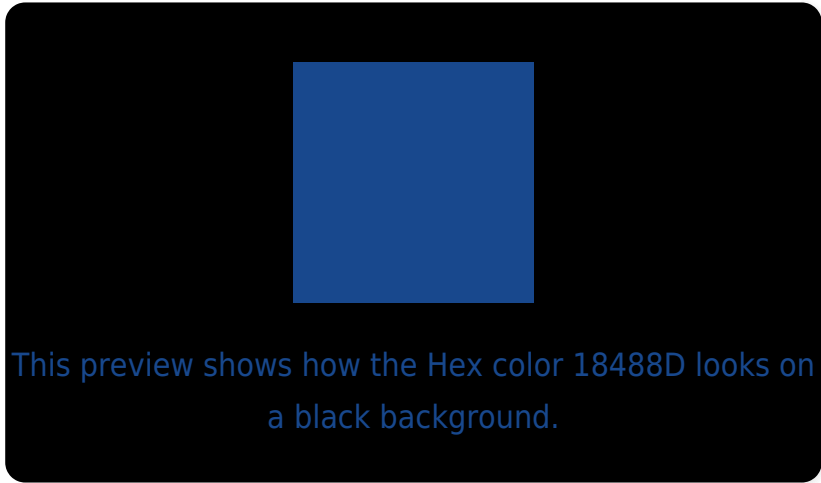
Large Text (above 18pt) WCAG AA ✓ Pass

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

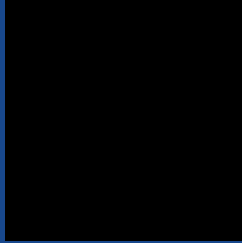
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 18488D Background



This preview shows how black text looks on a background with the Hex color 18488D.

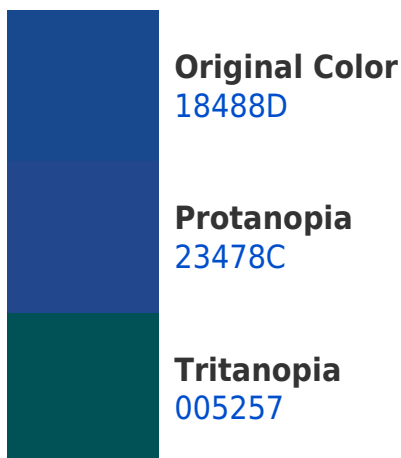


This preview shows how white text looks on a background with the Hex color 18488D.

# 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



# Trichromacy



**Original Color**  
18488D

**Protanomaly**  
1F478C

**Tritanomaly**  
094E6B

# Monochromacy



**Original Color**  
18488D

**Achromatopsia**  
424242

**Achromatomaly**  
33445D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 18488D 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 #18488D looks like.

```
.text, #text, p{  
    color:#18488D  
}
```

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 #18488D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #18488D
}
```

## Border

The CSS property to change the border of an element to Hex 18488D 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
#18488D }
```

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

```
.border{ border-color:#18488D }
```

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

Here you see how a box with a 4 pixel #18488D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #18488D; -webkit-box-shadow:4px 4px  
4px 4px #18488D; box-shadow:4px 4px 4px  
4px #18488D }
```

# Background

The CSS property to change the background color of an element to Hex 18488D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#18488D }
```

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

```
.background{ background-color:#18488D }
```

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