

Converting Colors

Hex(16478C)

Have a look what the booklet for
Hex(16478C) contains.

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Color

Hex(16478C)

Conversions

Conversions Part 1

Format	Color
Hex	16478C
RGB	22, 71, 140
RGB Percent	9%, 28%, 55%
CMY	0.9137, 0.7216, 0.4510
CMYK	0.84, 0.49, 0.00, 0.45
HSL	215°, 73%, 32%
HSV	215°, 84%, 55%
XYZ	7.3177, 6.5705, 25.6935
YIQ	64.2150, -51.3530, 11.0710

Conversions

Conversions Part 2

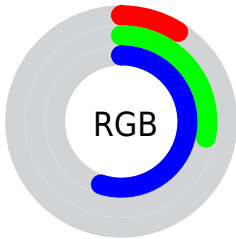
Format	Color
R_{YB}	22, 57, 140
Decimal	1460108
CIE _{Lab}	30.81, 10.95, -42.89
CIE _{LCh}	31, 44.261, 284.319
Yxy	6.5705, 0.1849, 0.1660
Android (android.graphics.Color)	4279650188 (0xFF16478C)
YUV	64.2150, 37.3620, -37.0226
Hunter-Lab	25.6330, 6.1007, -41.4869

Details

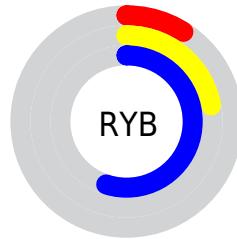
The Hex color **16478C** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **8C5B16**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **5777C2**, and **001D59** is the 20% darker color. If you saturate the color by 10%, you get **083F8C**, and if you desaturate by 10%, it is **244F8C**.

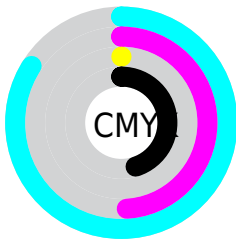
Distribution



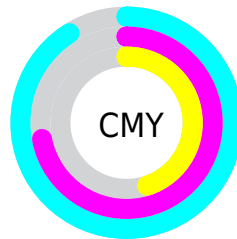
- Red (9%)
- Green (28%)
- Blue (55%)



- Red (9%)
- Yellow (22%)
- Blue (55%)



- Cyan (84%)
- Magenta (49%)
- Yellow (0%)
- Black (45%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 16478C 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 16478C by changing the saturation by 10% instead.

■ 16478C

■ 16478C

FFFFFF

■ 003172

■ 5777C2

■ 001D59

■ 7490DE

■ 000141

■ 90ABFB

■ 00032A

■ ACC6FF

■ 000114

■ C9E2FF

■ 000000

■ E7FEFF

■ 16478C

■ 16478C

■ 083F8C

■ 244F8C

■ 003A8C

■ 32578C

■ 40608C

■ 4E688C

■ 5C708C

■ 6A788C

■ 78808C

■ 86888C

■ 94918C

Harmonies

Analogous

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



00528B



16478C



5E377A

Triad

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



16478C



7D3119



005735

Complementary

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



16478C



8C5B16

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.



1F5311



16478C



674000

Square

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



16478C



86243A



494C00



005859

Rectangle

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



16478C



752C67



494C00



005629

Sweetspot

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



16478C



889BB5



168C5B



404C5C



DBDBDB



5C5C5C

Same Dimension

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



16478C



004BB5



20168C



3E4145



003785



000205

Inverse Universe

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



8C1647



B5004B



828C16



453E41



850037



050002

Previews

White Background



This preview shows how the Hex color 16478C looks on a white background.

Color Contrast Check

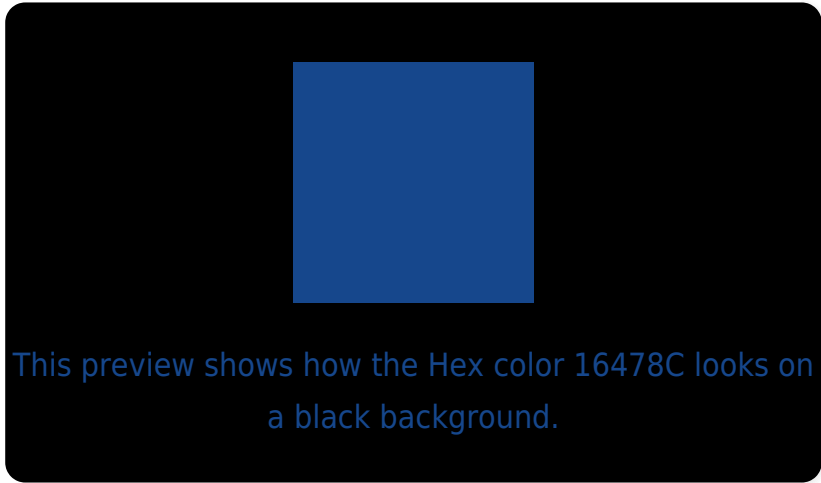
Large Text (above 18pt) WCAG AA ✓ Pass

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

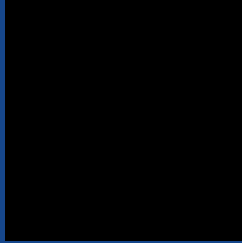
Any Text WCAG AA × Fail

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 16478C Background



This preview shows how black text looks on a background with the Hex color 16478C.




This preview shows how white text looks on a background with the Hex color 16478C.

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





Tritanopia
005156

Trichromacy



Original Color
16478C

Protanomaly
1D468B

Deuteranomaly
084985

Tritanomaly
084D6A

Monochromacy



Original Color
16478C

Achromatopsia
404040

Achromatomaly
31435C

CSS Examples

Text

The CSS property to change the color of the text to Hex 16478C 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 #16478C looks like.

```
.text, #text, p{  
    color:#16478C  
}
```

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 #16478C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #16478C
}
```

Border

The CSS property to change the border of an element to Hex 16478C 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".

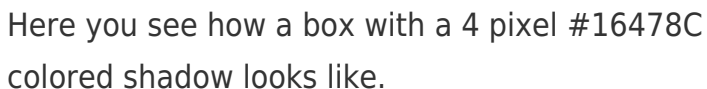
```
.border, #border, table{ border:4px solid
#16478C }
```

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

```
.border{ border-color:#16478C }
```

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

Here you see how a box with a 4 pixel #16478C colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #16478C; -webkit-box-shadow:4px 4px  
4px 4px #16478C; box-shadow:4px 4px 4px  
4px #16478C }
```

Background

The CSS property to change the background color of an element to Hex 16478C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#16478C }
```

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

```
.background{ background-color:#16478C }
```

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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