

Converting Colors

Hex(12448C)

Have a look what the booklet for
Hex(12448C) contains.

Hex(12448C)	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(12448C)

Conversions

Conversions Part 1

Format	Color
Hex	12448C
RGB	18, 68, 140
RGB Percent	7%, 27%, 55%
CMY	0.9294, 0.7333, 0.4510
CMYK	0.87, 0.51, 0.00, 0.45
HSL	215°, 77%, 31%
HSV	215°, 87%, 55%
XYZ	7.0502, 6.1563, 25.6276
YIQ	61.2580, -52.9120, 11.7920

Conversions

Conversions Part 2

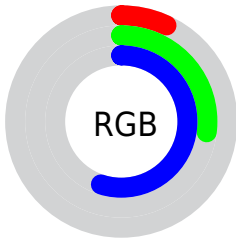
Format	Color
RYB	18, 53, 140
Decimal	1197196
CIELab	29.80, 12.65, -44.51
CIELCh	30, 46.277, 285.870
Yxy	6.1563, 0.1815, 0.1585
Android (android.graphics.Color)	4279387276 (0xFF12448C)
YUV	61.2580, 38.8198, -37.9373
Hunter-Lab	24.8119, 7.2993, -43.8710

Details

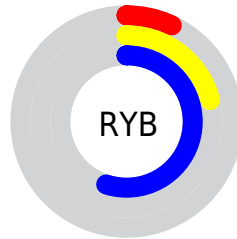
The Hex color **12448C** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **8C5A12**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **5674C2**, and **001A59** is the 20% darker color. If you saturate the color by 10%, you get **043C8C**, and if you desaturate by 10%, it is **204C8C**.

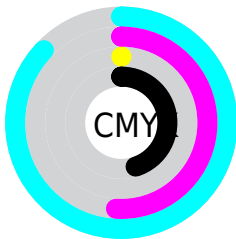
Distribution



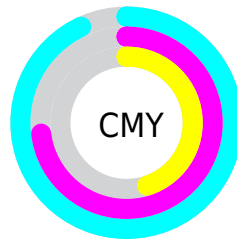
- Red (7%)
- Green (27%)
- Blue (55%)



- Red (7%)
- Yellow (21%)
- Blue (55%)



- Cyan (87%)
- Magenta (51%)
- Yellow (0%)
- Black (45%)



- Cyan (93%)
- Magenta (73%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 12448C 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 12448C by changing the saturation by 10% instead.

■ 12448C

■ 12448C

FFFFFF

■ 002E72

■ 5674C2

■ 001A59

■ 728DDE

■ 000041

■ 8FA7FB

■ 00032A

■ ABC2FF

■ 000114

■ C8DEFF

■ 000000

■ E5FBFF

■ 12448C

■ 12448C

■ 043C8C

■ 204C8C

■ 00398C

■ 2E558C

■ 3C5D8C

■ 4A658C

■ 586D8C

■ 66768C

■ 747E8C

■ 82868C

■ 908E8C

Harmonies

Analogous

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



004F8C



12448C



5F3379

Triad

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



12448C



7B2E13



005533

Complementary

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



12448C



8C5A12

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.



15520D



12448C



643E00

Square

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



12448C



851E35



444A00



005659

Rectangle

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



12448C



762664



444A00



005427

Sweetspot

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



12448C



8699B5



128C59



3F4B5C



DBDBDB



5C5C5C

Same Dimension

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



12448C



004AB5



1C128C



3E4145



003685



000205

Inverse Universe

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



8C1244



B5004A



828C12



453E41



850036



050002

Previews

White Background



This preview shows how the Hex color 12448C looks on a white background.

Color Contrast Check

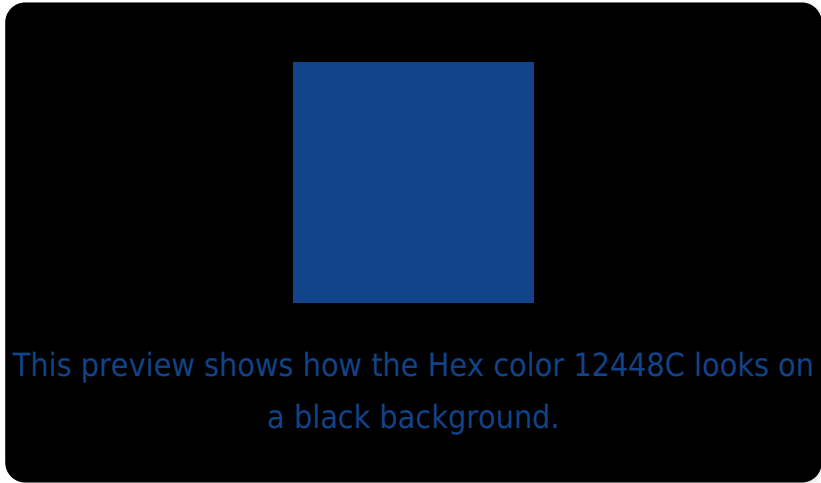
Large Text (above 18pt) WCAG AA ✓ Pass

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 12448C Background



This preview shows how black text looks on a background with the Hex color 12448C.



This preview shows how white text looks on a background with the Hex color 12448C.

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
12448C

Protanopia
17448C

Deuteranopia
00487D



Tritanopia
004E53

Trichromacy



Original Color
12448C

Protanomaly
15448C

Deuteranomaly
074782

Tritanomaly
074A68

Monochromacy



Original Color
12448C

Achromatopsia
3D3D3D

Achromatomaly
2D405A

CSS Examples

Text

The CSS property to change the color of the text to Hex 12448C 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 #12448C looks like.

```
.text, #text, p{  
    color:#12448C  
}
```

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 #12448C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #12448C
}
```

Border

The CSS property to change the border of an element to Hex 12448C is called "border". The border property can be set on classes, ids or directly on the HTML element.

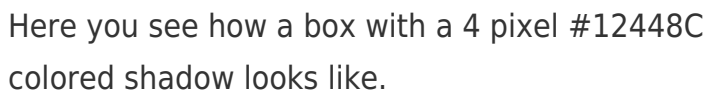
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#12448C }
```

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

```
.border{ border-color:#12448C }
```

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



Here you see how a box with a 4 pixel #12448C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #12448C; -webkit-box-shadow:4px 4px  
4px 4px #12448C; box-shadow:4px 4px 4px  
4px #12448C }
```

Background

The CSS property to change the background color of an element to Hex 12448C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#12448C }
```

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

```
.background{ background-color:#12448C }
```

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