

Converting Colors

Hex(16408B)

Have a look what the booklet for
Hex(16408B) contains.

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Color

Hex(16408B)

Conversions

Conversions Part 1

Format	Color
Hex	16408B
RGB	22, 64, 139
RGB Percent	9%, 25%, 55%
CMY	0.9137, 0.7490, 0.4549
CMYK	0.84, 0.54, 0.00, 0.45
HSL	218°, 73%, 32%
HSV	218°, 84%, 55%
XYZ	6.8245, 5.7014, 25.1669
YIQ	59.9920, -49.1070, 14.4210

Conversions

Conversions Part 2

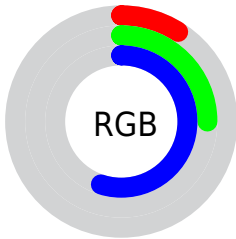
Format	Color
R_{YB}	22, 53, 139
Decimal	1458315
CIE _{Lab}	28.65, 15.38, -45.76
CIE _{LCh}	29, 48.277, 288.571
Yxy	5.7014, 0.1811, 0.1513
Android (android.graphics.Color)	4279648395 (0xFF16408B)
YUV	59.9920, 38.9509, -33.3190
Hunter-Lab	23.8777, 9.2310, -45.7768

Details

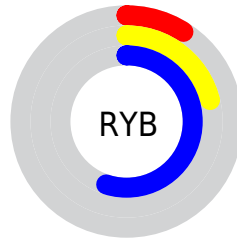
The Hex color **16408B** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **8B6116**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **586FC1**, and **001758** is the 20% darker color. If you saturate the color by 10%, you get **08378B**, and if you desaturate by 10%, it is **24498B**.

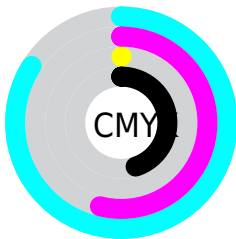
Distribution



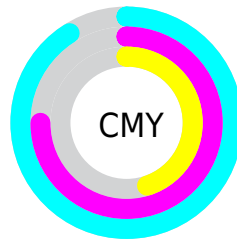
- Red (9%)
- Green (25%)
- Blue (55%)



- Red (9%)
- Yellow (21%)
- Blue (55%)



- Cyan (84%)
- Magenta (54%)
- Yellow (0%)
- Black (45%)



- Cyan (91%)
- Magenta (75%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 16408B 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 16408B by changing the saturation by 10% instead.

■ 16408B

■ 16408B

FFFFFF

■ 002B71

■ 586FC1

■ 001758

■ 7488DD

■ 000040

■ 90A2FA

■ 000329

■ ADBDFF

■ 000113

■ C9D9FF

■ 000000

■ E7F6FF

■ 16408B

■ 16408B

■ 08378B

■ 24498B

■ 00328B

■ 32528B

■ 405B8B

■ 4E648B

■ 5C6D8B

■ 69758B

■ 777E8B

■ 85878B

■ 93908B

Harmonies

Analogous

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



004C8D



16408B



612D75

Triad

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



16408B



772B0A



005334

Complementary

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



16408B



8B6116

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.



00500A



16408B



5F3D00

Square

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



16408B



84172E



3E4900



00545A

Rectangle

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



16408B



771E60



3E4900



005226

Sweetspot

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



16408B



8898B5



168B60



404A5C



DBDBDB



5C5C5C

Same Dimension

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



16408B



0041B5



26168B



3E4045



003085



000205

Inverse Universe

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



8B1640



B50041



7B8B16



453E40



850030



050002

Previews

White Background



This preview shows how the Hex color 16408B looks on a white background.

Color Contrast Check

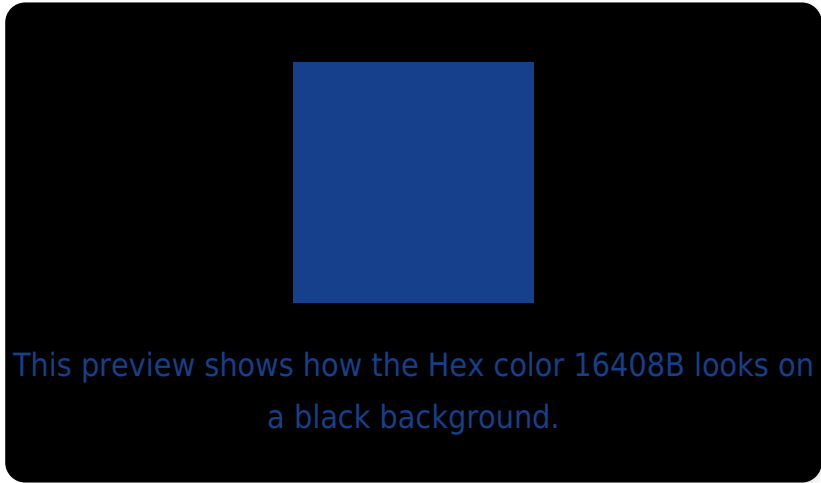
Large Text (above 18pt) WCAG AA ✓ Pass

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

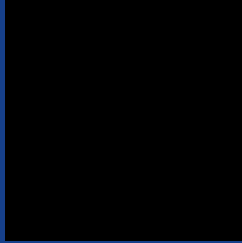
Any Text WCAG AA × Fail

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 16408B Background



This preview shows how black text looks on a background with the Hex color 16408B.

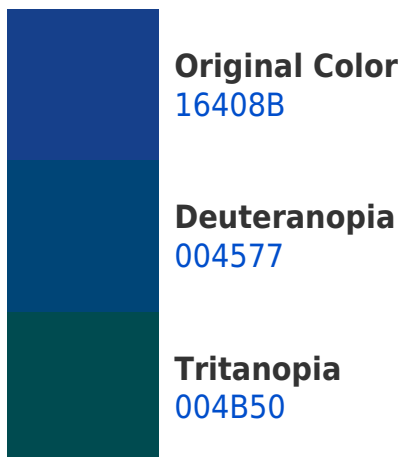


This preview shows how white text looks on a background with the Hex color 16408B.

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
16408B

Deuteranomaly
08437E

Tritanomaly
084765

Monochromacy



Original Color
16408B

Achromatopsia
3C3C3C

Achromatomaly
2E3D59

CSS Examples

Text

The CSS property to change the color of the text to Hex 16408B 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 #16408B looks like.

```
.text, #text, p{  
    color:#16408B  
}
```

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 #16408B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #16408B
}
```

Border

The CSS property to change the border of an element to Hex 16408B 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
#16408B }
```

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

```
.border{ border-color:#16408B }
```

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

Here you see how a box with a 4 pixel #16408B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #16408B; -webkit-box-shadow:4px 4px  
4px 4px #16408B; box-shadow:4px 4px 4px  
4px #16408B }
```

Background

The CSS property to change the background color of an element to Hex 16408B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#16408B }
```

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

```
.background{ background-color:#16408B }
```

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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