

Converting Colors

Hex(15248B)

Have a look what the booklet for
Hex(15248B) contains.

Hex(15248B)	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(15248B)

Conversions

Conversions Part 1

Format	Color
Hex	15248B
RGB	21, 36, 139
RGB Percent	8%, 14%, 55%
CMY	0.9176, 0.8588, 0.4549
CMYK	0.85, 0.74, 0.00, 0.45
HSL	232°, 74%, 31%
HSV	232°, 85%, 55%
XYZ	5.6003, 3.2853, 24.7650
YIQ	43.2570, -42.0030, 28.8530

Conversions

Conversions Part 2

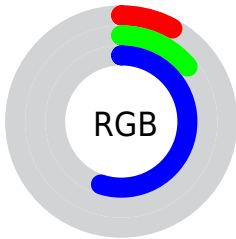
Format	Color
R_{YB}	21, 34, 139
Decimal	1385611
CIE Lab	21.15, 34.43, -58.03
CIE LCh	21, 67.472, 300.679
Yxy	3.2853, 0.1664, 0.0976
Android (android.graphics.Color)	4279575691 (0xFF15248B)
YUV	43.2570, 47.2013, -19.5194
Hunter-Lab	18.1253, 23.4335, -68.3217

Details

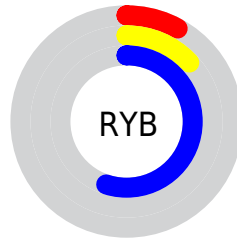
The Hex color **15248B** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **8B7C15**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **5A51C2**, and **000058** is the 20% darker color. If you saturate the color by 10%, you get **07188B**, and if you desaturate by 10%, it is **23308B**.

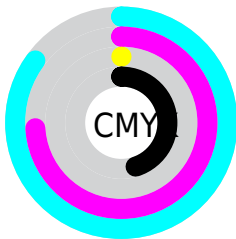
Distribution



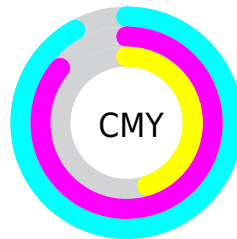
- Red (8%)
- Green (14%)
- Blue (55%)



- Red (8%)
- Yellow (13%)
- Blue (55%)



- Cyan (85%)
- Magenta (74%)
- Yellow (0%)
- Black (45%)



- Cyan (92%)
- Magenta (86%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 15248B 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 15248B by changing the saturation by 10% instead.

■ 15248B

■ 15248B

FFFFFF

■ 000F71

■ 5A51C2

■ 000058

■ 766ADE

■ 00063F

■ 9383FB

■ 000328

■ B09DFF

■ 000112

■ CDB8FF

■ 000000

■ EBD4FF

■ FFF0FF

■ 15248B

■ 15248B

■ 07188B

■ 23308B

■ 00128B

■ 313C8B

■ 3F488B

■ 4D558B

■ 5A618B

■ 686D8B

■ 76798B

■ 84858B

■ 92918B

Harmonies

Analogous

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



003B9A



15248B



6B0065

Triad

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



15248B



641700



004433

Complementary

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



15248B



8B7C15

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.



004200



15248B



3F3200

Square

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



15248B



7D0000



003D00



004565

Rectangle

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



15248B



7E0045



003D00



004321

Sweetspot

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



15248B



888EB5



158B7B



40445C



DBDBDB



5C5C5C

Same Dimension

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



15248B



0017B5



40158B



3E3F45



001185



000105

Inverse Universe

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



8B1524



B50017



608B15



453E3F



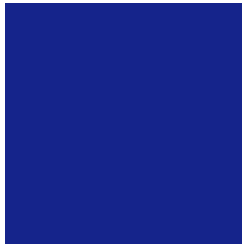
850011



050001

Previews

White Background



This preview shows how the Hex color 15248B looks on a white background.

Color Contrast Check

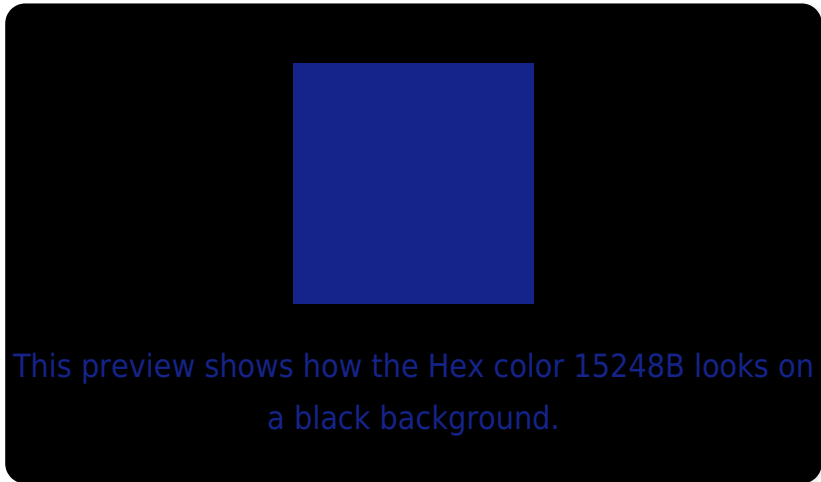
Large Text (above 18pt) WCAG AA ✓ Pass

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

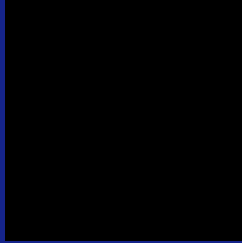
Any Text WCAG AA × Fail

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 15248B Background



This preview shows how black text looks on a background with the Hex color 15248B.



This preview shows how white text looks on a background with the Hex color 15248B.

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
15248B

Protanopia
003268

Deuteranopia
003559



Tritanopia
00393C

Trichromacy



Original Color
15248B

Protanomaly
082D75

Deuteranomaly
082F6B

Tritanomaly
083159

Monochromacy



Original Color
15248B

Achromatopsia
2B2B2B

Achromatomaly
23284E

CSS Examples

Text

The CSS property to change the color of the text to Hex 15248B 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 #15248B looks like.

```
.text, #text, p{  
    color:#15248B  
}
```

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 #15248B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #15248B
}
```

Border

The CSS property to change the border of an element to Hex 15248B 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".

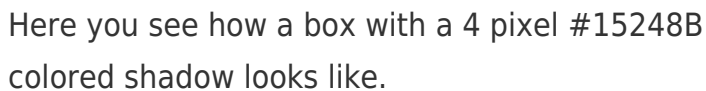
```
.border, #border, table{ border:4px solid
#15248B }
```

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

```
.border{ border-color:#15248B }
```

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

Here you see how a box with a 4 pixel #15248B colored shadow looks like.

A rectangular box with a thick 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 #15248B; -webkit-box-shadow:4px 4px  
4px 4px #15248B; box-shadow:4px 4px 4px  
4px #15248B }
```

Background

The CSS property to change the background color of an element to Hex 15248B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#15248B }
```

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

```
.background{ background-color:#15248B }
```

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