

Converting Colors

Hex(24248B)

Have a look what the booklet for
Hex(24248B) contains.

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Color

Hex(24248B)

Conversions

Conversions Part 1

Format	Color
Hex	24248B
RGB	36, 36, 139
RGB Percent	14%, 14%, 55%
CMY	0.8588, 0.8588, 0.4549
CMYK	0.74, 0.74, 0.00, 0.45
HSL	240°, 59%, 34%
HSV	240°, 74%, 55%
XYZ	6.0186, 3.5009, 24.7846
YIQ	47.7420, -33.0630, 32.0330

Conversions

Conversions Part 2

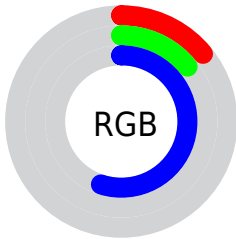
Format	Color
R _Y B	36, 36, 139
Decimal	2368651
CIE Lab	21.95, 35.72, -56.69
CIE LCh	22, 67.006, 302.219
Yxy	3.5009, 0.1754, 0.1021
Android (android.graphics.Color)	4280558731 (0xFF24248B)
YUV	47.7420, 44.9902, -10.2977
Hunter-Lab	18.7107, 24.6740, -65.4394

Details

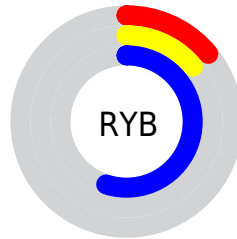
The Hex color **24248B** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **8B8B24**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **6252C2**, and **000058** is the 20% darker color. If you saturate the color by 10%, you get **16168B**, and if you desaturate by 10%, it is **32328B**.

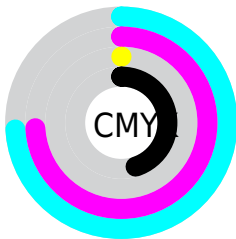
Distribution



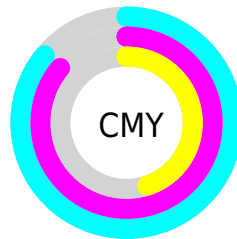
- Red (14%)
- Green (14%)
- Blue (55%)



- Red (14%)
- Yellow (14%)
- Blue (55%)



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



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

Brightness & Saturation Gradients

These gradients show how the Hex color 24248B 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 24248B by changing the saturation by 10% instead.

■ 24248B

■ 24248B

FFFFFF

■ 000F71

■ 6252C2

■ 000058

■ 7E6ADE

■ 00063F

■ 9B84FB

■ 000328

■ B79EFF

■ 000112

■ D4B9FF

■ 000000

■ F2D5FF

■ FFF2FF

■ 24248B

■ 24248B

■ 16168B

■ 32328B

■ 08088B

■ 40408B

■ 00008B

■ 4E4E8B

■ 5C5C8B

■ 6A6A8B

■ 77778B

■ 85858B

■ 93938B

■ A1A18B

Harmonies

Analogous

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



003C9B



24248B



6F0064

Triad

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



24248B



641B00



004637

Complementary

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



24248B



8B8B24

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.



004400



24248B



3F3400

Square

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



24248B



7E0000



003F00



004769

Rectangle

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



24248B



810044



003F00



004526

Sweetspot

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



24248B



8D8DB5



248B8B



44445C



DBDBDB



5C5C5C

Same Dimension

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



24248B



1414B5



58248B



3E3E45



000085



000005

Inverse Universe

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



8B248B



B514B5



588B24



453E45



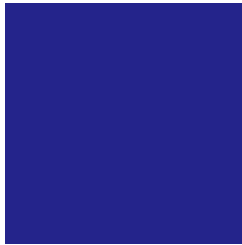
850085



050005

Previews

White Background



This preview shows how the Hex color 24248B looks on a white background.

Color Contrast Check

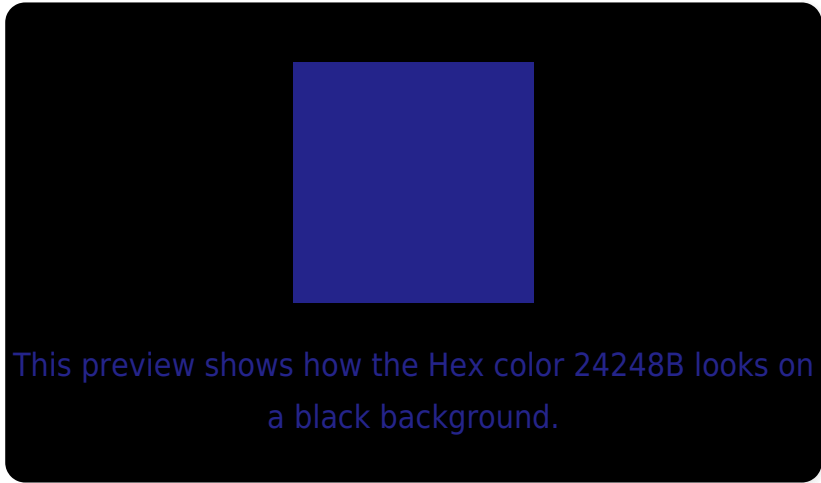
Large Text (above 18pt) WCAG AA ✓ Pass

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

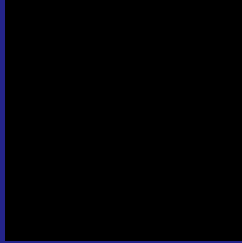
Any Text WCAG AA × Fail

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 24248B Background



This preview shows how black text looks on a background with the Hex color 24248B.

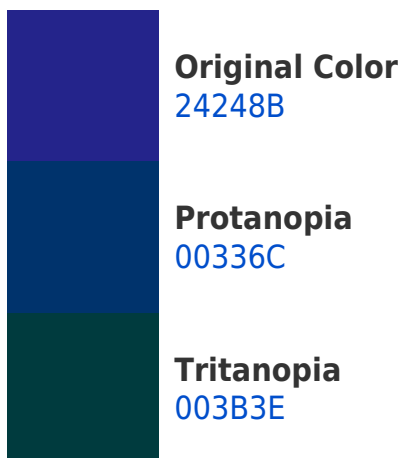


This preview shows how white text looks on a background with the Hex color 24248B.

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
24248B

Protanomaly
0D2E77

Tritanomaly
0D335A

Monochromacy



Original Color
24248B

Achromatopsia
303030

Achromatomaly
2C2C51

CSS Examples

Text

The CSS property to change the color of the text to Hex 24248B 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 #24248B looks like.

```
.text, #text, p{  
    color:#24248B  
}
```

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 #24248B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #24248B
}
```

Border

The CSS property to change the border of an element to Hex 24248B 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".

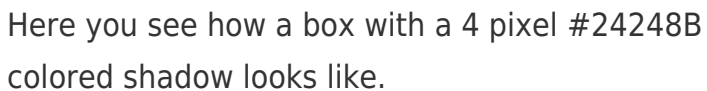
```
.border, #border, table{ border:4px solid
#24248B }
```

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

```
.border{ border-color:#24248B }
```

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

Here you see how a box with a 4 pixel #24248B colored shadow looks like.

A rectangular box with a dark blue border and a dark blue shadow. The box is white with a thin blue border on the top and left sides, and a thicker dark blue border on the bottom and right sides. The shadow is a dark blue rectangle that is slightly offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #24248B; -webkit-box-shadow:4px 4px  
4px 4px #24248B; box-shadow:4px 4px 4px  
4px #24248B }
```

Background

The CSS property to change the background color of an element to Hex 24248B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#24248B }
```

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

```
.background{ background-color:#24248B }
```

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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