

Converting Colors

Hex(29418B)

Have a look what the booklet for
Hex(29418B) contains.

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Color

Hex(29418B)

Conversions

Conversions Part 1

Format	Color
Hex	29418B
RGB	41, 65, 139
RGB Percent	16%, 25%, 55%
CMY	0.8392, 0.7451, 0.4549
CMYK	0.71, 0.53, 0.00, 0.45
HSL	225°, 54%, 35%
HSV	225°, 71%, 55%
XYZ	7.4649, 6.1161, 25.2132
YIQ	66.2600, -38.0580, 17.9260

Conversions

Conversions Part 2

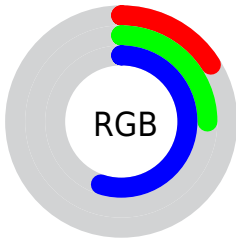
Format	Color
R_{YB}	41, 60, 139
Decimal	2703755
CIE _{Lab}	29.70, 17.13, -44.02
CIE _{LCh}	30, 47.231, 291.261
Yxy	6.1161, 0.1924, 0.1577
Android (android.graphics.Color)	4280893835 (0xFF29418B)
YUV	66.2600, 35.8608, -22.1530
Hunter-Lab	24.7307, 10.6013, -43.1351

Details

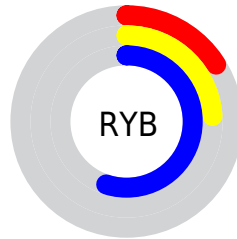
The Hex color **29418B** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **8B7329**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **6370C1**, and **001858** is the 20% darker color. If you saturate the color by 10%, you get **1B378B**, and if you desaturate by 10%, it is **374B8B**.

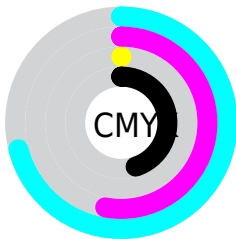
Distribution



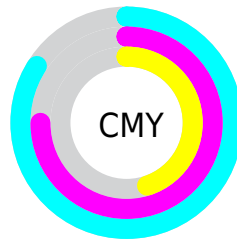
- Red (16%)
- Green (25%)
- Blue (55%)



- Red (16%)
- Yellow (24%)
- Blue (55%)



- Cyan (71%)
- Magenta (53%)
- Yellow (0%)
- Black (45%)



- Cyan (84%)
- Magenta (75%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 29418B 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 29418B by changing the saturation by 10% instead.

■ 29418B

■ 29418B

FFFFFF

■ 002B71

■ 6370C1

■ 001858

■ 7E8ADD

■ 000040

■ 9AA4FA

■ 000329

■ B7BFFF

■ 000113

■ D3DBFF

■ 000000

■ F1F7FF

■ 29418B

■ 29418B

■ 1B378B

■ 374B8B

■ 0D2C8B

■ 45568B

■ 00228B

■ 53608B

■ 616B8B

■ 6E758B

■ 7C808B

■ 8A8A8B

■ 98958B

■ A69F8B

Harmonies

Analogous

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



004E8F



29418B



672E74

Triad

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



29418B



78300A



00553A

Complementary

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



29418B



8B7329

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.



005213



29418B



5F4100

Square

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



29418B



851E2E



3D4C00



005660

Rectangle

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



29418B



7B215E



3D4C00



00552D

Sweetspot

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



29418B



8F98B5



298B72



454A5C



DBDBDB



5C5C5C

Same Dimension

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



29418B



1B41B5



42298B



3E4045



002085



000105

Inverse Universe

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



8B2941



B51B41



728B29



453E40



850020



050001

Previews

White Background



This preview shows how the Hex color 29418B looks on a white background.

Color Contrast Check

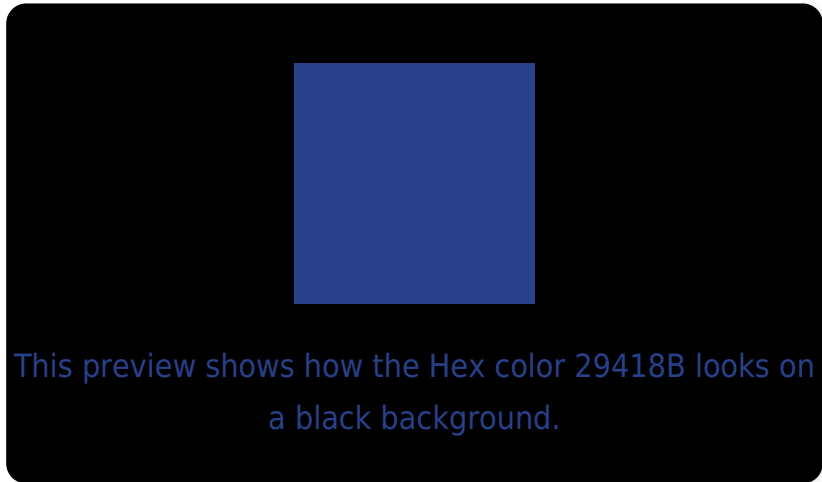
Large Text (above 18pt) WCAG AA ✓ Pass

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

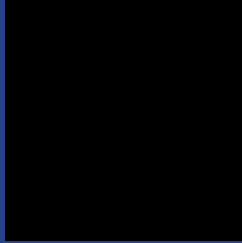
Any Text WCAG AA × Fail

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 29418B Background



This preview shows how black text looks on a background with the Hex color 29418B.



This preview shows how white text looks on a background with the Hex color 29418B.

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
29418B

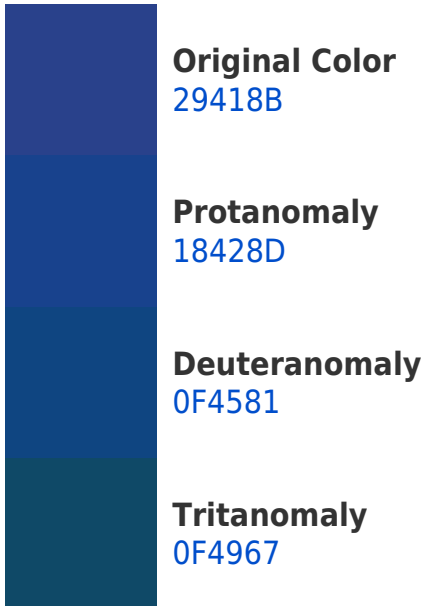
Protanopia
0F438E

Deuteranopia
00477C

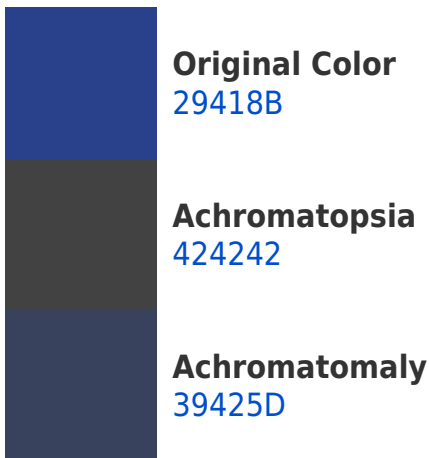


Tritanopia
004E53

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 29418B 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 #29418B looks like.

```
.text, #text, p{  
    color:#29418B  
}
```

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 #29418B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #29418B
}
```

Border

The CSS property to change the border of an element to Hex 29418B 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
#29418B }
```

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

```
.border{ border-color:#29418B }
```

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

Here you see how a box with a 4 pixel #29418B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #29418B; -webkit-box-shadow:4px 4px  
4px 4px #29418B; box-shadow:4px 4px 4px  
4px #29418B }
```

Background

The CSS property to change the background color of an element to Hex 29418B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#29418B }
```

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

```
.background{ background-color:#29418B }
```

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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