

Converting Colors

Hex(31458B)

Have a look what the booklet for
Hex(31458B) contains.

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Color

Hex(31458B)

Conversions

Conversions Part 1

Format	Color
Hex	31458B
RGB	49, 69, 139
RGB Percent	19%, 27%, 55%
CMY	0.8078, 0.7294, 0.4549
CMYK	0.65, 0.50, 0.00, 0.45
HSL	227°, 48%, 37%
HSV	227°, 65%, 55%
XYZ	8.0549, 6.7733, 25.3089
YIQ	71.0000, -34.3900, 17.5300

Conversions

Conversions Part 2

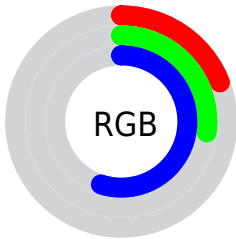
Format	Color
R_{YB}	49, 65, 139
Decimal	3229067
CIE _{Lab}	31.29, 15.81, -41.44
CIE _{LCh}	31, 44.357, 290.878
Yxy	6.7733, 0.2007, 0.1688
Android (android.graphics.Color)	4281419147 (0xFF31458B)
YUV	71.0000, 33.5240, -19.2940
Hunter-Lab	26.0255, 9.7013, -39.4396

Details

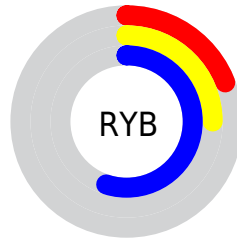
The Hex color **31458B** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **8B7731**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **6975C1**, and **001B58** is the 20% darker color. If you saturate the color by 10%, you get **233A8B**, and if you desaturate by 10%, it is **3F508B**.

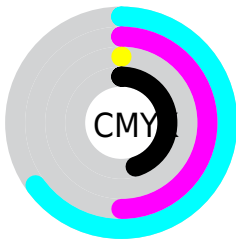
Distribution



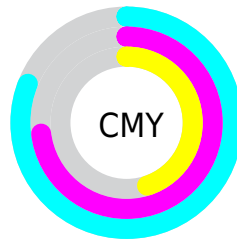
- Red (19%)
- Green (27%)
- Blue (55%)



- Red (19%)
- Yellow (25%)
- Blue (55%)



- Cyan (65%)
- Magenta (50%)
- Yellow (0%)
- Black (45%)



- Cyan (81%)
- Magenta (73%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 31458B 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 31458B by changing the saturation by 10% instead.

■ 31458B

■ 31458B

FFFFFF

■ 0E2F71

■ 6975C1

■ 001B58

■ 848EDD

■ 000040

■ A0A9FA

■ 000329

■ BCC4FF

■ 000114

■ D9E0FF

■ 000000

■ F6FCFF

■ 31458B

■ 31458B

■ 233A8B

■ 3F508B

■ 152F8B

■ 4D5B8B

■ 07258B

■ 5B658B

■ 001F8B

■ 69708B

■ 767B8B

■ 84868B

■ 92918B

■ A09B8B

■ AEA68B

Harmonies

Analogous

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



00518E



31458B



693476

Triad

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



31458B



7A3513



00593D

Complementary

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



31458B



8B7731

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.



10561A



31458B



624400

Square

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



31458B



862733



424F00



005961

Rectangle

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



31458B



7C2A61



424F00



005831

Sweetspot

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



31458B



939AB5



318B76



474B5C



DBDBDB



5C5C5C

Same Dimension

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



31458B



2847B5



49318B



3E3F45



001D85



000105

Inverse Universe

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



8B3145



B52847



738B31



453E3F



85001D



050001

Previews

White Background



This preview shows how the Hex color 31458B looks on a white background.

Color Contrast Check

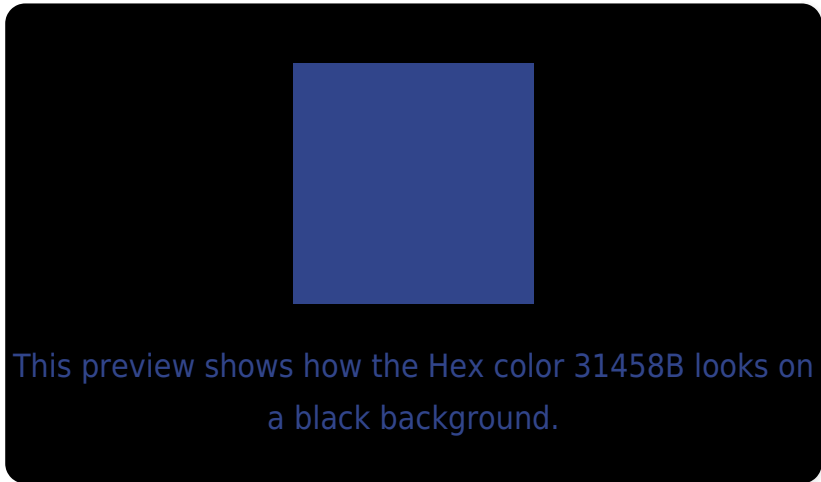
Large Text (above 18pt) WCAG AA ✓ Pass

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

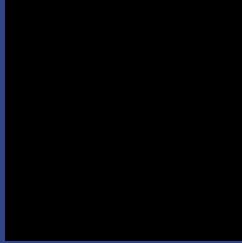
Any Text WCAG AA × Fail

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 31458B Background



This preview shows how black text looks on a background with the Hex color 31458B.

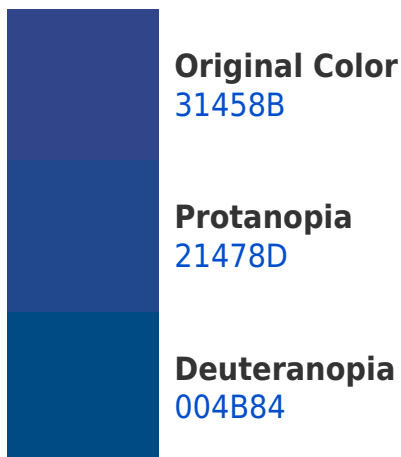


This preview shows how white text looks on a background with the Hex color 31458B.

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](#).

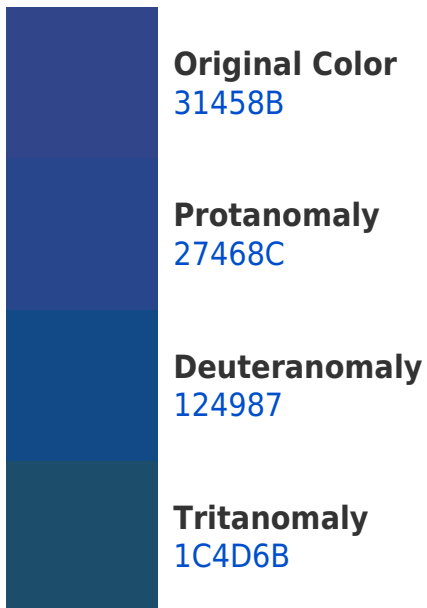
Dichromacy



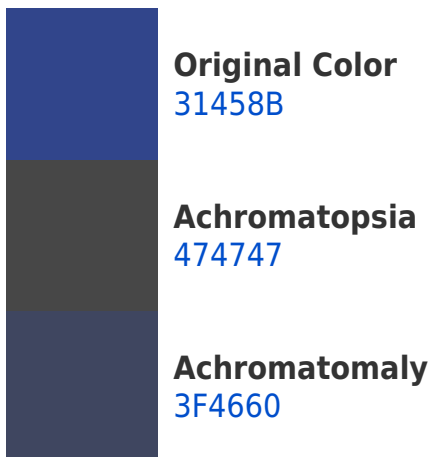


Tritanopia
105158

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 31458B 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 #31458B looks like.

```
.text, #text, p{  
    color:#31458B  
}
```

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 #31458B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #31458B
}
```

Border

The CSS property to change the border of an element to Hex 31458B 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
#31458B }
```

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

```
.border{ border-color:#31458B }
```

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

Here you see how a box with a 4 pixel #31458B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #31458B; -webkit-box-shadow:4px 4px  
4px 4px #31458B; box-shadow:4px 4px 4px  
4px #31458B }
```

Background

The CSS property to change the background color of an element to Hex 31458B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#31458B }
```

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

```
.background{ background-color:#31458B }
```

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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