

Converting Colors

Hex(21308C)

Have a look what the booklet for
Hex(21308C) contains.

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Color

Hex(21308C)

Conversions

Conversions Part 1

Format	Color
Hex	21308C
RGB	33, 48, 140
RGB Percent	13%, 19%, 55%
CMY	0.8706, 0.8118, 0.4510
CMYK	0.76, 0.66, 0.00, 0.45
HSL	232°, 62%, 34%
HSV	232°, 76%, 55%
XYZ	6.4178, 4.3307, 25.3086
YIQ	54.0030, -38.4720, 25.4320

Conversions

Conversions Part 2

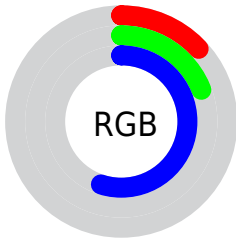
Format	Color
R_{YB}	33, 46, 140
Decimal	2175116
CIE _{Lab}	24.74, 28.02, -52.74
CIE _{LCh}	25, 59.717, 297.981
Yxy	4.3307, 0.1780, 0.1201
Android (android.graphics.Color)	4280365196 (0xFF21308C)
YUV	54.0030, 42.3965, -18.4196
Hunter-Lab	20.8103, 18.6303, -57.5387

Details

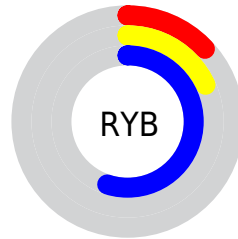
The Hex color **21308C** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **8C7D21**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **5F5EC2**, and **000659** is the 20% darker color. If you saturate the color by 10%, you get **13248C**, and if you desaturate by 10%, it is **2F3C8C**.

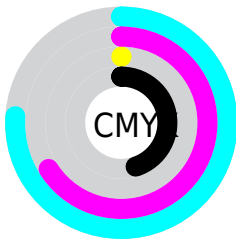
Distribution



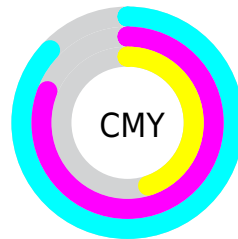
- Red (13%)
- Green (19%)
- Blue (55%)



- Red (13%)
- Yellow (18%)
- Blue (55%)



- Cyan (76%)
- Magenta (66%)
- Yellow (0%)
- Black (45%)



- Cyan (87%)
- Magenta (81%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 21308C 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 21308C by changing the saturation by 10% instead.

■ 21308C

■ 21308C

FFFFFF

■ 001B72

■ 5F5EC2

■ 000659

■ 7B77DF

■ 000341

■ 9890FC

■ 000329

■ B4ABFF

■ 000114

■ D1C6FF

■ 000000

■ EFE2FF

■ 21308C

■ 21308C

■ 13248C

■ 2F3C8C

■ 05188C

■ 3D488C

■ 00148C

■ 4B548C

■ 59608C

■ 676C8C

■ 75788C

■ 83848C

■ 91908C

■ 9F9C8C

Harmonies

Analogous

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



004297



21308C



6B066B

Triad

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



21308C



6D2200



004C36

Complementary

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



21308C



8C7D21

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.



004900



21308C



4C3800

Square

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



21308C



820014



1D4400



004C64

Rectangle

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



21308C



7F004F



1D4400



004B26

Sweetspot

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



21308C



8B91B5



218C7C



42465C



DBDBDB



5C5C5C

Same Dimension

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



21308C



0E26B5



46218C



3E3F45



001385



000105

Inverse Universe

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



8C2130



B50E26



678C21



453E3F



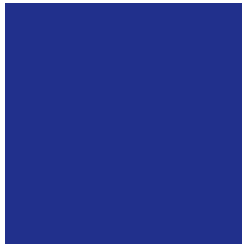
850013



050001

Previews

White Background



This preview shows how the Hex color 21308C looks on a white background.

Color Contrast Check

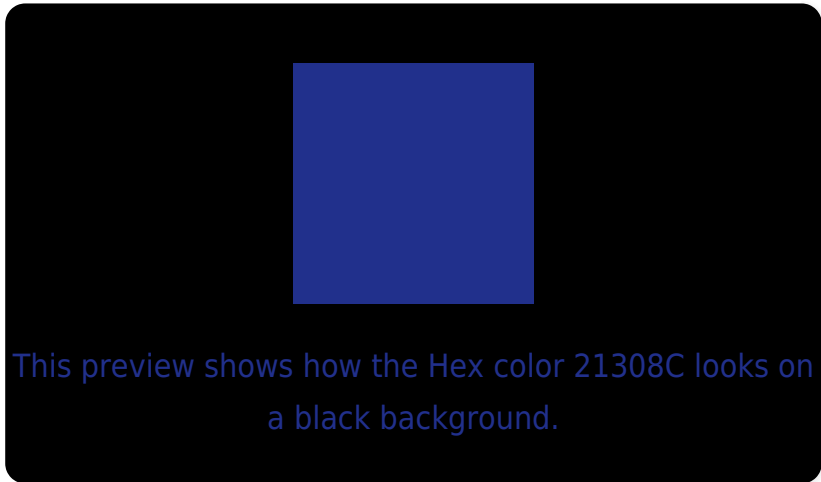
Large Text (above 18pt) WCAG AA ✓ Pass

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

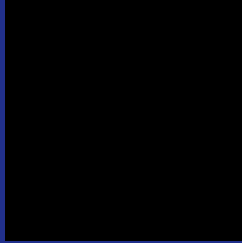
Any Text WCAG AA × Fail

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 21308C Background



This preview shows how black text looks on a background with the Hex color 21308C.

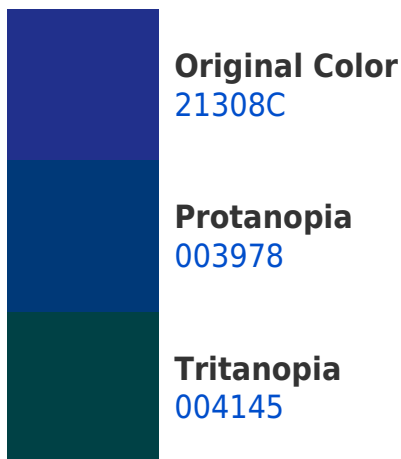


This preview shows how white text looks on a background with the Hex color 21308C.

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
21308C

Protanomaly
0C367F

Tritanomaly
0C3B5F

Monochromacy



Original Color
21308C

Achromatopsia
363636

Achromatomaly
2E3455

CSS Examples

Text

The CSS property to change the color of the text to Hex 21308C 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 #21308C looks like.

```
.text, #text, p{  
    color:#21308C  
}
```

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 #21308C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #21308C
}
```

Border

The CSS property to change the border of an element to Hex 21308C 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
#21308C }
```

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

```
.border{ border-color:#21308C }
```

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

Here you see how a box with a 4 pixel #21308C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #21308C; -webkit-box-shadow:4px 4px  
4px 4px #21308C; box-shadow:4px 4px 4px  
4px #21308C }
```

Background

The CSS property to change the background color of an element to Hex 21308C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#21308C }
```

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

```
.background{ background-color:#21308C }
```

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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