

Converting Colors

Hex(22308C)

Have a look what the booklet for
Hex(22308C) contains.

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Color

Hex(22308C)

Conversions

Conversions Part 1

Format	Color
Hex	22308C
RGB	34, 48, 140
RGB Percent	13%, 19%, 55%
CMY	0.8667, 0.8118, 0.4510
CMYK	0.76, 0.66, 0.00, 0.45
HSL	232°, 61%, 34%
HSV	232°, 76%, 55%
XYZ	6.4503, 4.3474, 25.3101
YIQ	54.3020, -37.8760, 25.6440

Conversions

Conversions Part 2

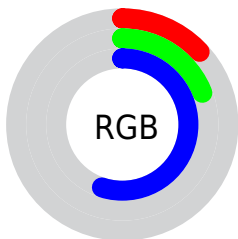
Format	Color
R_{YB}	34, 46, 140
Decimal	2240652
CIE _{Lab}	24.79, 28.13, -52.65
CIE _{LCh}	25, 59.694, 298.120
Yxy	4.3474, 0.1786, 0.1204
Android (android.graphics.Color)	4280430732 (0xFF22308C)
YUV	54.3020, 42.2491, -17.8049
Hunter-Lab	20.8505, 18.7320, -57.3759

Details

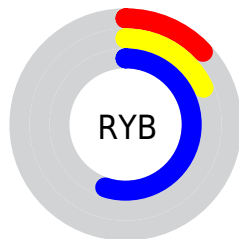
The Hex color **22308C** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **8C7E22**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **605EC2**, and **000659** is the 20% darker color. If you saturate the color by 10%, you get **14248C**, and if you desaturate by 10%, it is **303C8C**.

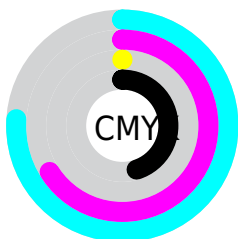
Distribution



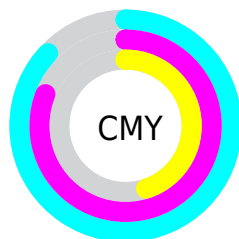
- Red (13%)
- Green (19%)
- Blue (55%)



- 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 22308C 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 22308C by changing the saturation by 10% instead.

■ 22308C

■ 22308C

FFFFFF

■ 001B72

■ 605EC2

■ 000659

■ 7C77DF

■ 000241

■ 9890FC

■ 00032A

■ B5ABFF

■ 000114

■ D2C6FF

■ 000000

■ EFE2FF

■ 22308C

■ 22308C

■ 14248C

■ 303C8C

■ 06188C

■ 3E488C

■ 00128C

■ 4C548C

■ 5A618C

■ 686D8C

■ 76798C

■ 84858C

■ 92918C

■ A09D8C

Harmonies

Analogous

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



004297



22308C



6B066B

Triad

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



22308C



6D2200



004C37

Complementary

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



22308C



8C7E22

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.



004901



22308C



4C3800

Square

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



22308C



820014



1D4400



004C65

Rectangle

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



22308C



7F004F



1D4400



004B27

Sweetspot

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



22308C



8B91B5



228C7E



42455C



DBDBDB



5C5C5C

Same Dimension

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



22308C



1026B5



49228C



3E3F45



001285



000105

Inverse Universe

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



8C2230



B51026



658C22



453E3F



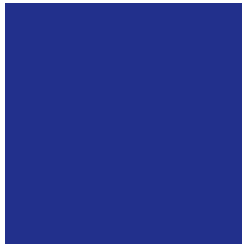
850012



050001

Previews

White Background



This preview shows how the Hex color 22308C looks on a white background.

Color Contrast Check

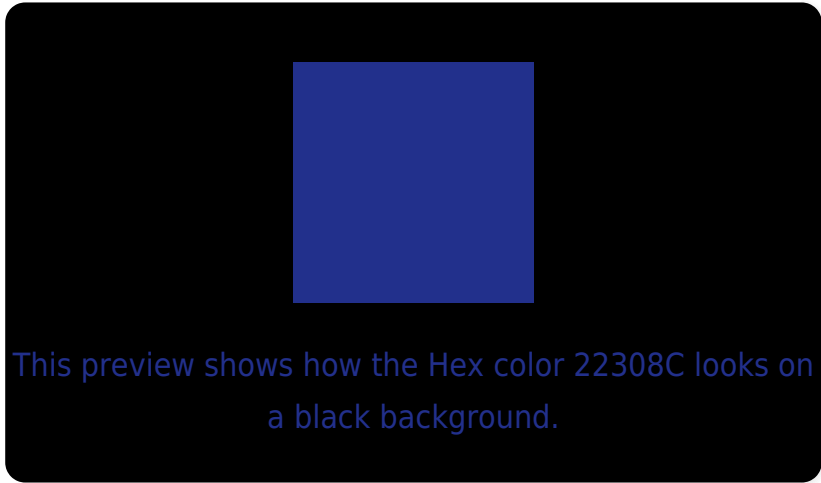
Large Text (above 18pt) WCAG AA ✓ Pass

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

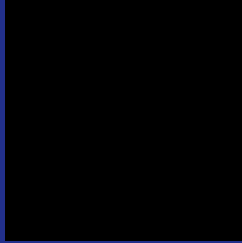
Any Text WCAG AA × Fail

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 22308C Background



This preview shows how black text looks on a background with the Hex color 22308C.



This preview shows how white text looks on a background with the Hex color 22308C.

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
22308C

Protanopia
003978

Deuteranopia
003D67

Trichromacy



Original Color
22308C

Protanomaly
0C367F

Deuteranomaly
0C3874

Tritanomaly
0C3B5F

Monochromacy



Original Color
22308C

Achromatopsia
363636

Achromatomaly
2F3455

CSS Examples

Text

The CSS property to change the color of the text to Hex 22308C 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 #22308C looks like.

```
.text, #text, p{  
    color:#22308C  
}
```

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 #22308C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #22308C
}
```

Border

The CSS property to change the border of an element to Hex 22308C is called "border". The border property can be set on classes, ids or directly on the HTML element.

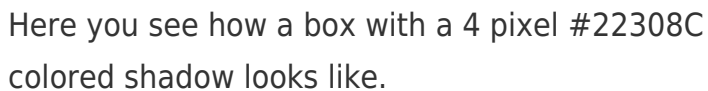
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#22308C }
```

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

```
.border{ border-color:#22308C }
```

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



Here you see how a box with a 4 pixel #22308C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #22308C; -webkit-box-shadow:4px 4px  
4px 4px #22308C; box-shadow:4px 4px 4px  
4px #22308C }
```

Background

The CSS property to change the background color of an element to Hex 22308C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#22308C }
```

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

```
.background{ background-color:#22308C }
```

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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