

Converting Colors

Hex(22438F)

Have a look what the booklet for
Hex(22438F) contains.

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Color

Hex(22438F)

Conversions

Conversions Part 1

Format	Color
Hex	22438F
RGB	34, 67, 143
RGB Percent	13%, 26%, 56%
CMY	0.8667, 0.7373, 0.4392
CMYK	0.76, 0.53, 0.00, 0.44
HSL	222°, 62%, 35%
HSV	222°, 76%, 56%
XYZ	7.6248, 6.3376, 26.8080
YIQ	65.7970, -44.0640, 16.6400

Conversions

Conversions Part 2

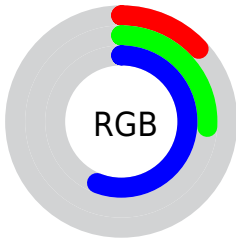
Format	Color
R_{YB}	34, 59, 143
Decimal	2245519
CIE _{Lab}	30.25, 16.29, -45.61
CIE _{LCh}	30, 48.436, 289.658
Yxy	6.3376, 0.1870, 0.1554
Android (android.graphics.Color)	4280435599 (0xFF22438F)
YUV	65.7970, 38.0611, -27.8860
Hunter-Lab	25.1745, 10.0081, -45.5150

Details

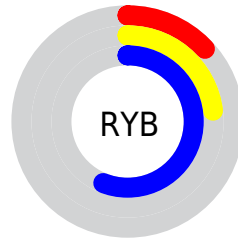
The Hex color **22438F** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **8F6E22**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **5F73C5**, and **00195C** is the 20% darker color. If you saturate the color by 10%, you get **14398F**, and if you desaturate by 10%, it is **304D8F**.

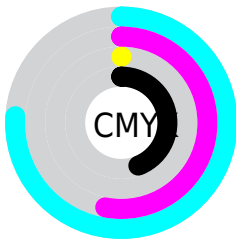
Distribution



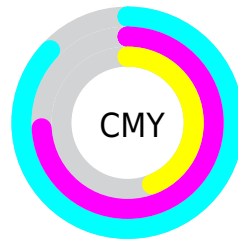
- Red (13%)
- Green (26%)
- Blue (56%)



- Red (13%)
- Yellow (23%)
- Blue (56%)



- Cyan (76%)
- Magenta (53%)
- Yellow (0%)
- Black (44%)



- Cyan (87%)
- Magenta (74%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 22438F 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 22438F by changing the saturation by 10% instead.

■ 22438F

■ 22438F

FFFFFF

■ 002D75

■ 5F73C5

■ 00195C

■ 7B8CE2

■ 000044

■ 97A6FF

■ 00032D

■ B4C1FF

■ 000117

■ D1DDFF

■ 000000

■ EEFAFF

■ 22438F

■ 22438F

■ 14398F

■ 304D8F

■ 052F8F

■ 3F578F

■ 002B8F

■ 4D618F

■ 5B6B8F

■ 6A758F

■ 787F8F

■ 86898F

■ 94938F

■ A39D8F

Harmonies

Analogous

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



005092



22438F



673079

Triad

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



22438F



7C2F0C



005738

Complementary

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



22438F



8F6E22

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.



025410



22438F



624100

Square

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



22438F



881D30



404D00



005860

Rectangle

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



22438F



7C2262



404D00



00562B

Sweetspot

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



22438F



8F9CBA



228F6C



444C5E



DEDEDE



5E5E5E

Same Dimension

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



22438F



1144BA



36228F



404247



002987



000208

Inverse Universe

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



8F2243



BA1144



7B8F22



474042



870029



080002

Previews

White Background



This preview shows how the Hex color 22438F looks on a white background.

Color Contrast Check

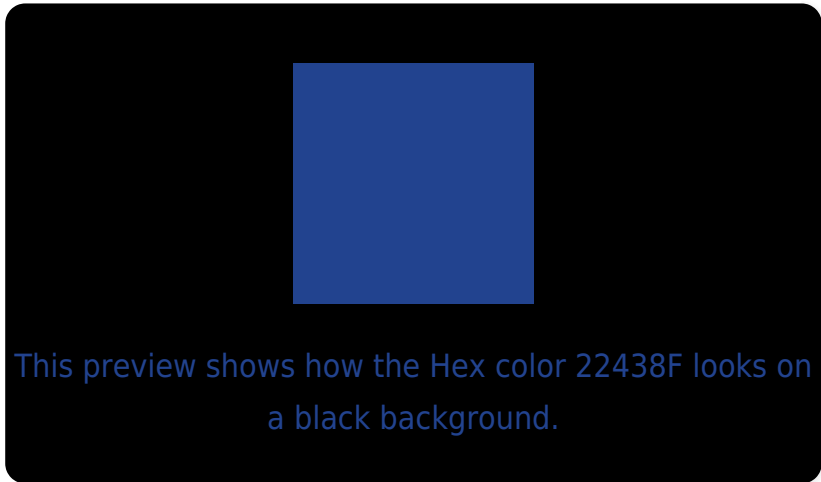
Large Text (above 18pt) WCAG AA ✓ Pass

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

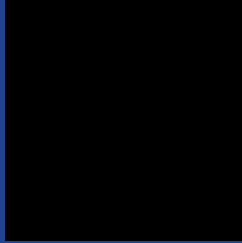
Any Text WCAG AA × Fail

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 22438F Background



This preview shows how black text looks on a background with the Hex color 22438F.



This preview shows how white text looks on a background with the Hex color 22438F.

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
22438F

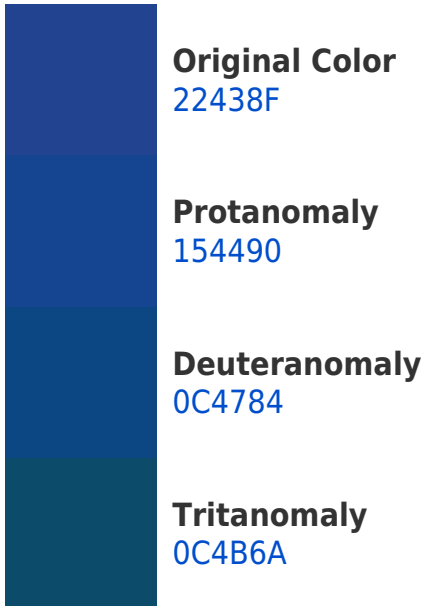
Protanopia
0D4491

Deuteranopia
00497E



Tritanopia
004F55

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 22438F 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 #22438F looks like.

```
.text, #text, p{  
    color:#22438F  
}
```

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 #22438F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #22438F
}
```

Border

The CSS property to change the border of an element to Hex 22438F 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
#22438F }
```

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

```
.border{ border-color:#22438F }
```

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

Here you see how a box with a 4 pixel #22438F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #22438F; -webkit-box-shadow:4px 4px  
4px 4px #22438F; box-shadow:4px 4px 4px  
4px #22438F }
```

Background

The CSS property to change the background color of an element to Hex 22438F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#22438F }
```

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

```
.background{ background-color:#22438F }
```

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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