

Converting Colors

Hex(212E8F)

Have a look what the booklet for
Hex(212E8F) contains.

Hex(212E8F)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(212E8F)

Conversions

Conversions Part 1

Format	Color
Hex	212E8F
RGB	33, 46, 143
RGB Percent	13%, 18%, 56%
CMY	0.8706, 0.8196, 0.4392
CMYK	0.77, 0.68, 0.00, 0.44
HSL	233°, 62%, 35%
HSV	233°, 77%, 56%
XYZ	6.5621, 4.2605, 26.4631
YIQ	53.1710, -38.8850, 27.4110

Conversions

Conversions Part 2

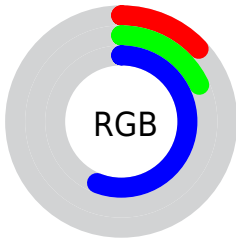
Format	Color
R_{YB}	33, 45, 143
Decimal	2174607
CIE _{Lab}	24.51, 30.49, -54.96
CIE _{LCh}	25, 62.849, 299.018
Yxy	4.2605, 0.1760, 0.1143
Android (android.graphics.Color)	4280364687 (0xFF212E8F)
YUV	53.1710, 44.2857, -17.6900
Hunter-Lab	20.6410, 20.6266, -61.5651

Details

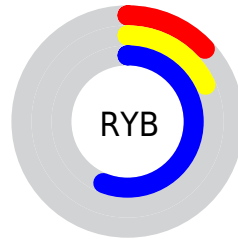
The Hex color **212E8F** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **8F8221**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **605CC6**, and **00045B** is the 20% darker color. If you saturate the color by 10%, you get **13218F**, and if you desaturate by 10%, it is **2F3B8F**.

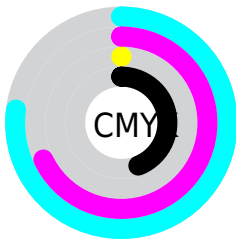
Distribution



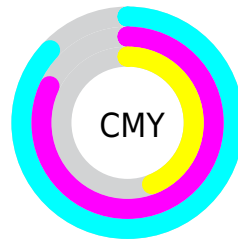
- Red (13%)
- Green (18%)
- Blue (56%)



- Red (13%)
- Yellow (18%)
- Blue (56%)



- Cyan (77%)
- Magenta (68%)
- Yellow (0%)
- Black (44%)



- Cyan (87%)
- Magenta (82%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 212E8F 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 212E8F by changing the saturation by 10% instead.

■ 212E8F

■ 212E8F

FFFFFF

■ 001975

■ 605CC6

■ 00045B

■ 7C75E2

■ 000243

■ 998EFF

■ 00032C

■ B6A9FF

■ 000116

■ D3C4FF

■ 000000

■ F0E0FF

■ FFFDFF

■ 212E8F

■ 212E8F

■ 13218F

■ 2F3B8F

■ 04158F

■ 3E478F

■ 00118F

■ 4C548F

■ 5A608F

■ 686D8F

■ 777A8F

■ 85868F

■ 93938F

■ A29F8F

Harmonies

Analogous

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



00429B



212E8F



6E006C

Triad

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



212E8F



6D2000



004C37

Complementary

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



212E8F



8F8221

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



212E8F



4A3800

Square

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



212E8F



830010



174400



004C68

Rectangle

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



212E8F



82004E



174400



004B26

Sweetspot

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



212E8F



8F94BA



218F80



44475E



DEDEDE



5E5E5E

Same Dimension

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



212E8F



0F23BA



49218F



404147



001087



000108

Inverse Universe

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



8F212E



BA0F23



678F21



474041



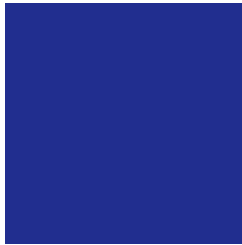
870010



080001

Previews

White Background



This preview shows how the Hex color 212E8F looks on a white background.

Color Contrast Check

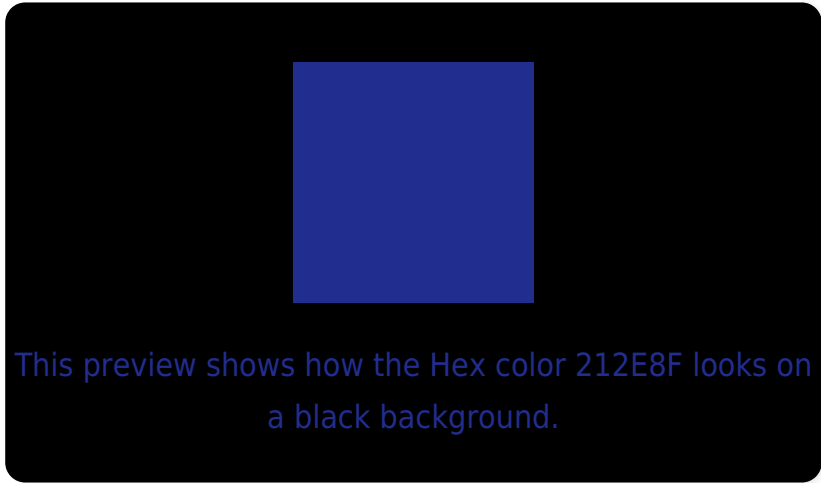
Large Text (above 18pt) WCAG AA ✓ Pass

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

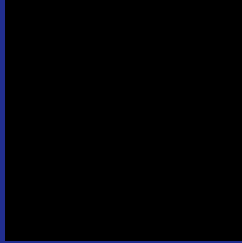
Any Text WCAG AA × Fail

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 212E8F Background



This preview shows how black text looks on a background with the Hex color 212E8F.



This preview shows how white text looks on a background with the Hex color 212E8F.

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
212E8F

Protanopia
003877

Deuteranopia
003C66

Trichromacy



Original Color

212E8F

Protanomaly

0C3480

Deuteranomaly

0C3775

Tritanomaly

0C3A60

Monochromacy



Original Color

212E8F

Achromatopsia

353535

Achromatomaly

2E3256

CSS Examples

Text

The CSS property to change the color of the text to Hex 212E8F 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 #212E8F looks like.

```
.text, #text, p{  
    color:#212E8F  
}
```

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 #212E8F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #212E8F
}
```

Border

The CSS property to change the border of an element to Hex 212E8F is called "border". The border property can be set on classes, ids or directly on the HTML element.

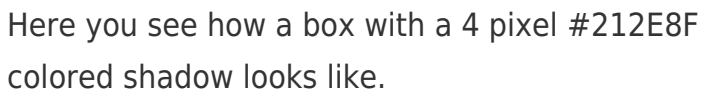
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#212E8F }
```

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

```
.border{ border-color:#212E8F }
```

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



Here you see how a box with a 4 pixel #212E8F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #212E8F; -webkit-box-shadow:4px 4px  
4px 4px #212E8F; box-shadow:4px 4px 4px  
4px #212E8F }
```

Background

The CSS property to change the background color of an element to Hex 212E8F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#212E8F }
```

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

```
.background{ background-color:#212E8F }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor