

Converting Colors

Hex(232FA8)

Have a look what the booklet for
Hex(232FA8) contains.

Hex(232FA8)	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(232FA8)

Conversions

Conversions Part 1

Format	Color
Hex	232FA8
RGB	35, 47, 168
RGB Percent	14%, 18%, 66%
CMY	0.8627, 0.8157, 0.3412
CMYK	0.79, 0.72, 0.00, 0.34
HSL	235°, 66%, 40%
HSV	235°, 79%, 66%
XYZ	8.7775, 5.2175, 37.5902
YIQ	57.2060, -45.9930, 35.0870

Conversions

Conversions Part 2

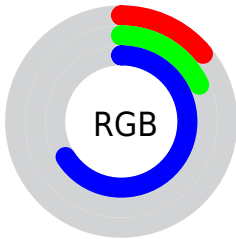
Format	Color
R _Y B	35, 46, 168
Decimal	2305960
CIE Lab	27.35, 39.17, -65.57
CIE LCh	27, 76.378, 300.852
Yxy	5.2175, 0.1702, 0.1011
Android (android.graphics.Color)	4280496040 (0xFF232FA8)
YUV	57.2060, 54.6214, -19.4747
Hunter-Lab	22.8419, 28.6196, -81.5826

Details

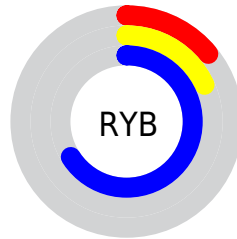
The Hex color **232FA8** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **A89C23**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **685EE0**, and **000673** is the 20% darker color. If you saturate the color by 10%, you get **1220A8**, and if you desaturate by 10%, it is **343EA8**.

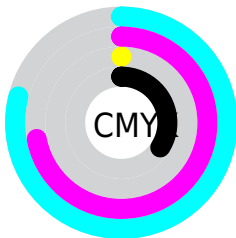
Distribution



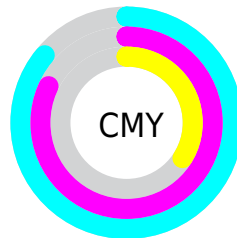
- Red (14%)
- Green (18%)
- Blue (66%)



- Red (14%)
- Yellow (18%)
- Blue (66%)



- Cyan (79%)
- Magenta (72%)
- Yellow (0%)
- Black (34%)



- Cyan (86%)
- Magenta (82%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 232FA8 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 232FA8 by changing the saturation by 10% instead.

■ 232FA8

■ 232FA8

FFFFFF

■ 00198D

■ 685EE0

■ 000673

■ 8577FD

■ 000059

■ A391FF

■ 000741

■ C1ABFF

■ 00032A

■ DFC7FF

■ 000114

■ FDE3FF

■ 000000

■ 232FA8

■ 232FA8

■ 1220A8

■ 343EA8

■ 0110A8

■ 454EA8

■ 000FA8

■ 555DA8

■ 666CA8

■ 777BA8

■ 888BA8

■ 999AA8

■ A9A9A8

■ BAB9A8

Harmonies

Analogous

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



004ABA



232FA8



83007B

Triad

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



232FA8



7B2100



005541

Complementary

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



232FA8



A89C23

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.



005200



232FA8



4F4000

Square

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



232FA8



980007



004D00



00567C

Rectangle

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



232FA8



990055



004D00



00542C

Sweetspot

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



232FA8



A7ABDB



23A89B



4E516E



EDEDED



6E6E6E

Same Dimension

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



232FA8



0B1EDB



5823A8



4C4C54



000D94



000214

Inverse Universe

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



A8232F



DB0B1E



73A823



544C4C



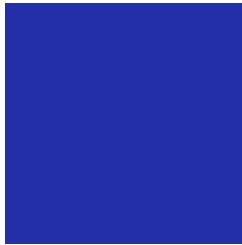
94000D



140002

Previews

White Background



This preview shows how the Hex color 232FA8 looks on a white background.

Color Contrast Check

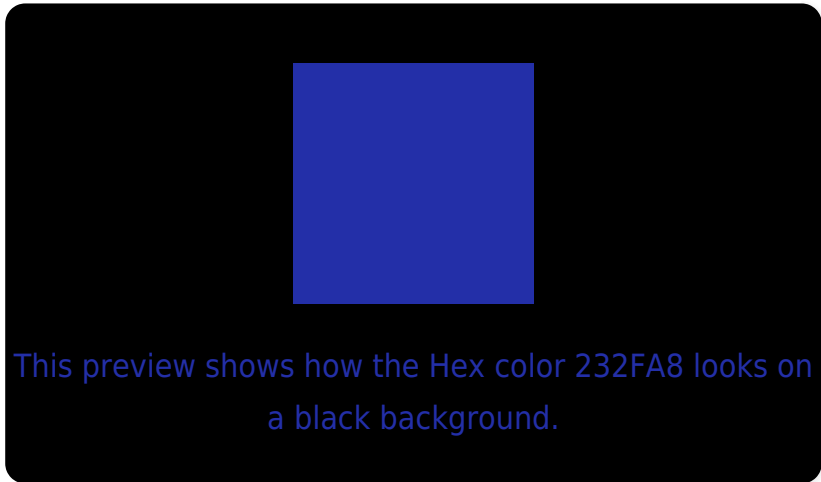
Large Text (above 18pt) WCAG AA ✓ Pass

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

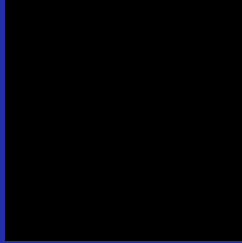
Any Text WCAG AA × Fail

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 232FA8 Background



This preview shows how black text looks on a background with the Hex color 232FA8.

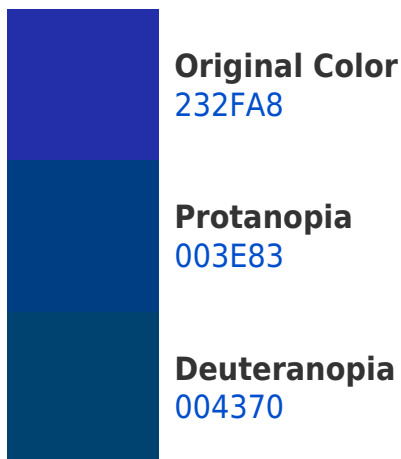



This preview shows how white text looks on a background with the Hex color 232FA8.

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](#).

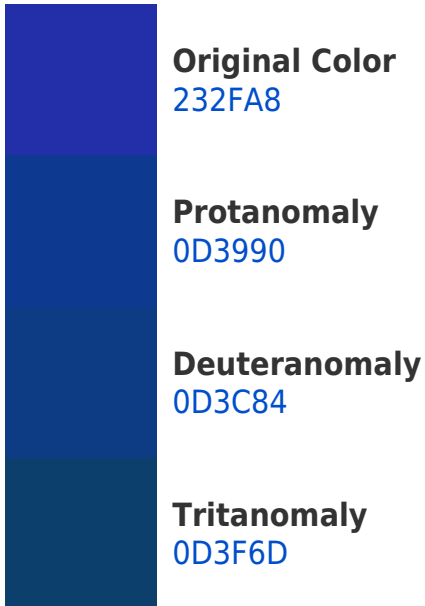
Dichromacy





Tritanopia
00484C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 232FA8 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 #232FA8 looks like.

```
.text, #text, p{  
    color:#232FA8  
}
```

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 #232FA8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #232FA8
}
```

Border

The CSS property to change the border of an element to Hex 232FA8 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
#232FA8 }
```

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

```
.border{ border-color:#232FA8 }
```

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

Here you see how a box with a 4 pixel #232FA8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #232FA8; -webkit-box-shadow:4px 4px  
4px 4px #232FA8; box-shadow:4px 4px 4px  
4px #232FA8 }
```

Background

The CSS property to change the background color of an element to Hex 232FA8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#232FA8 }
```

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

```
.background{ background-color:#232FA8 }
```

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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