

Converting Colors

Hex(237FA1)

Have a look what the booklet for
Hex(237FA1) contains.

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Color

Hex(237FA1)

Conversions

Conversions Part 1

Format	Color
Hex	237FA1
RGB	35, 127, 161
RGB Percent	14%, 50%, 63%
CMY	0.8627, 0.5020, 0.3686
CMYK	0.78, 0.21, 0.00, 0.37
HSL	196°, 64%, 38%
HSV	196°, 78%, 63%
XYZ	14.7155, 18.1093, 36.4381
YIQ	103.3680, -65.7460, -8.9300

Conversions

Conversions Part 2

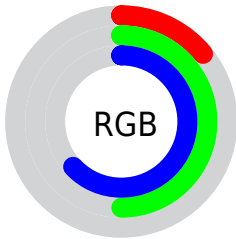
Format	Color
RYB	35, 88, 161
Decimal	2326433
CIELab	49.63, -14.40, -25.70
CIELCh	50, 29.461, 240.743
Yxy	18.1093, 0.2125, 0.2615
Android (android.graphics.Color)	4280516513 (0xFF237FA1)
YUV	103.3680, 28.4126, -59.9587
Hunter-Lab	42.5550, -12.7459, -20.9790

Details

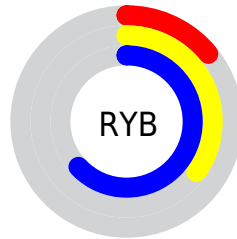
The Hex color **237FA1** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **A14523**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **64B4D8**, and **004E6D** is the 20% darker color. If you saturate the color by 10%, you get **137BA1**, and if you desaturate by 10%, it is **3383A1**.

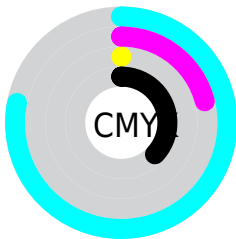
Distribution



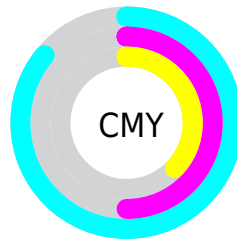
- Red (14%)
- Green (50%)
- Blue (63%)



- Red (14%)
- Yellow (35%)
- Blue (63%)



- Cyan (78%)
- Magenta (21%)
- Yellow (0%)
- Black (37%)



- Cyan (86%)
- Magenta (50%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 237FA1 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 237FA1 by changing the saturation by 10% instead.

■ 237FA1

■ 237FA1

FFFFFF

■ 006687

■ 64B4D8

■ 004E6D

■ 81CFF4

■ 003755

■ 9EECFE

■ 00223D

■ BBFFFF

■ 000328

■ D9FFFF

■ 000111

■ F6FFFF

■ 000000

■ 237FA1

■ 237FA1

■ 137BA1

■ 3383A1

0376A1

4388A1

0076A1

538CA1

6390A1

7495A1

8499A1

949DA1

A4A2A1

B4A6A1

Harmonies

Analogous

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



00838F



237FA1



5278A8

Triad

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



237FA1



A56276



6C7C4A

Complementary

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



237FA1



A14523

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.



867543



237FA1



A6655E

Square

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



237FA1



96678F



9A6C4B



4E815D

Rectangle

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



237FA1



6D72A5



9A6C4B



757A46

Sweetspot

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



237FA1



A1C4D1



23A145



4B6169



E8E8E8



696969

Same Dimension

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



237FA1



0D9CD1



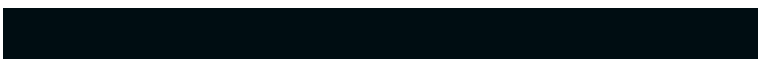
2340A1



494F52



006A91



000D12

Inverse Universe

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



A1237F



D10D9C



A18423



52494F



91006A



12000D

Previews

White Background



This preview shows how the Hex color 237FA1 looks on a white background.

Color Contrast Check

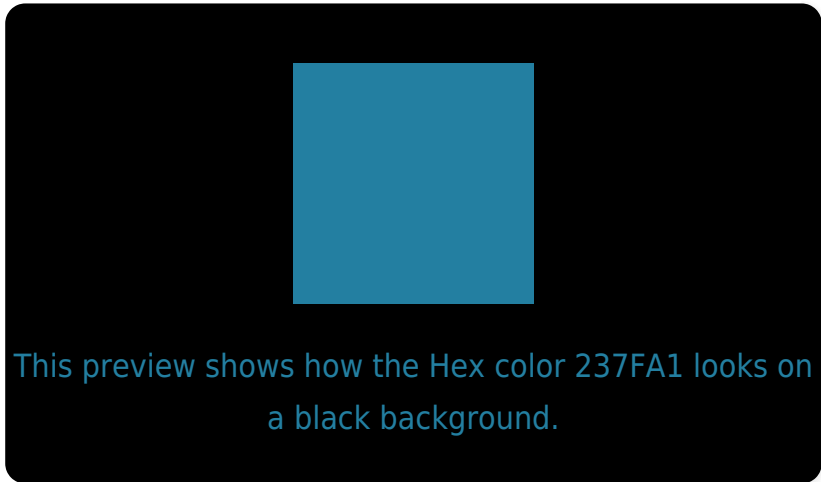
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

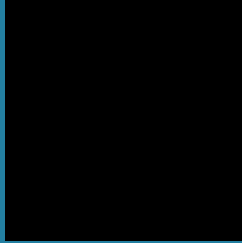
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 237FA1 Background



This preview shows how black text looks on a background with the Hex color 237FA1.

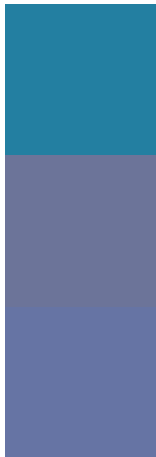


This preview shows how white text looks on a background with the Hex color 237FA1.

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
237FA1

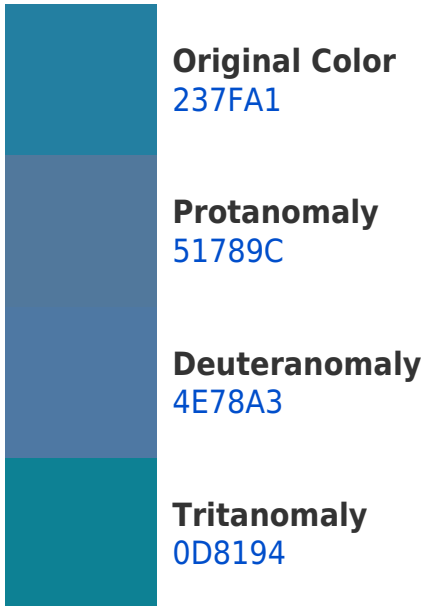
Protanopia
6C7499

Deuteranopia
6674A4

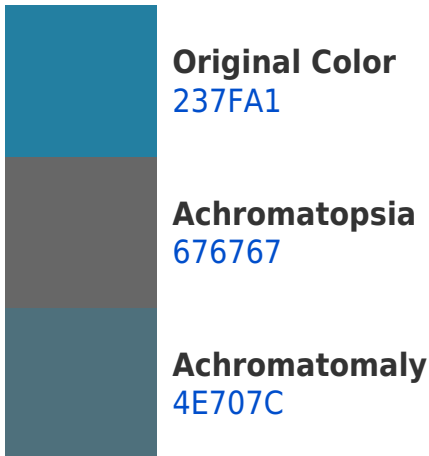


Tritanopia
00828D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 237FA1 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 #237FA1 looks like.

```
.text, #text, p{  
    color:#237FA1  
}
```

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 #237FA1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #237FA1
}
```

Border

The CSS property to change the border of an element to Hex 237FA1 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
#237FA1 }
```

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

```
.border{ border-color:#237FA1 }
```

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

Here you see how a box with a 4 pixel #237FA1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #237FA1; -webkit-box-shadow:4px 4px  
4px 4px #237FA1; box-shadow:4px 4px 4px  
4px #237FA1 }
```

Background

The CSS property to change the background color of an element to Hex 237FA1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#237FA1 }
```

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

```
.background{ background-color:#237FA1 }
```

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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