

Converting Colors

Hex(236FAF)

Have a look what the booklet for
Hex(236FAF) contains.

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Color

Hex(236FAF)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 236FAF |
| RGB | 35, 111, 175 |
| RGB Percent | 14%, 44%, 69% |
| CMY | 0.8627, 0.5647, 0.3137 |
| CMYK | 0.80, 0.37, 0.00, 0.31 |
| HSL | 207°, 67%, 41% |
| HSV | 207°, 80%, 69% |
| XYZ | 14.1154, 14.8213, 42.6743 |
| YIQ | 95.5720, -65.8400, 3.7920 |

Conversions

Conversions Part 2

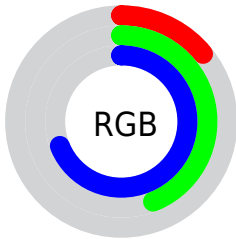
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 35, 84, 175 |
| Decimal | 2322351 |
| CIE Lab | 45.39, 0.18, -40.52 |
| CIE LCh | 45, 40.521, 270.249 |
| Yxy | 14.8213, 0.1971, 0.2070 |
| Android (android.graphics.Color) | 4280512431 (0xFF236FAF) |
| YUV | 95.5720, 39.1580, -53.1216 |
| Hunter-Lab | 38.4985, -1.9255, -38.7720 |

Details

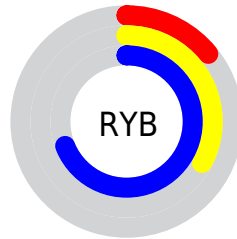
The Hex color **236FAF** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **AF6323**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **66A2E7**, and **00407A** is the 20% darker color. If you saturate the color by 10%, you get **1167AF**, and if you desaturate by 10%, it is **3577AF**.

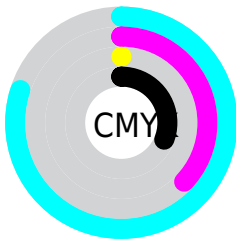
Distribution



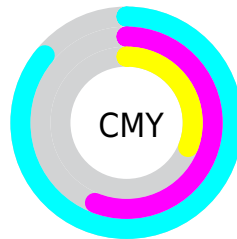
- Red (14%)
- Green (44%)
- Blue (69%)



- Red (14%)
- Yellow (33%)
- Blue (69%)



- Cyan (80%)
- Magenta (37%)
- Yellow (0%)
- Black (31%)



- Cyan (86%)
- Magenta (56%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 236FAF 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 236FAF by changing the saturation by 10% instead.

■ 236FAF

■ 236FAF

FFFFFF

■ 005794

■ 66A2E7

■ 00407A

■ 84BDFF

■ 002A61

■ A1D9FF

■ 001649

■ BEF5FF

■ 000432

■ DCFFFF

■ 00011C

■ FAFFFF

■ 000000

■ 236FAF

■ 236FAF

■ 1167AF

■ 3577AF

■ 005FAF

■ 467FAF

■ 5887AF

■ 698FAF

■ 7A97AF

■ 8C9FAF

■ 9EA7AF

■ AF AF AF

■ C1B7AF

Harmonies

Analogous

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



0078A6



236FAF



6D62A6

Triad

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



236FAF



A8524B



2E7948

Complementary

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



236FAF



AF6323

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.



5C732E



236FAF



995D31

Square

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



236FAF



A84E6D



7E6A24



007C6B

Rectangle

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



236FAF



8A5997



7E6A24



40783E

Sweetspot

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



236FAF



ACCAE3



23AF62



516473



F2F2F2



737373

Same Dimension

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



236FAF



097FE3



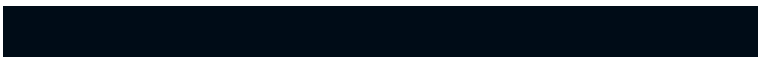
232AAF



4E5357



005296



000C17

Inverse Universe

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



AF236F



E3097F



AFA823



574E53



960052



17000C

Previews

White Background



This preview shows how the Hex color 236FAF looks on a white background.

Color Contrast Check

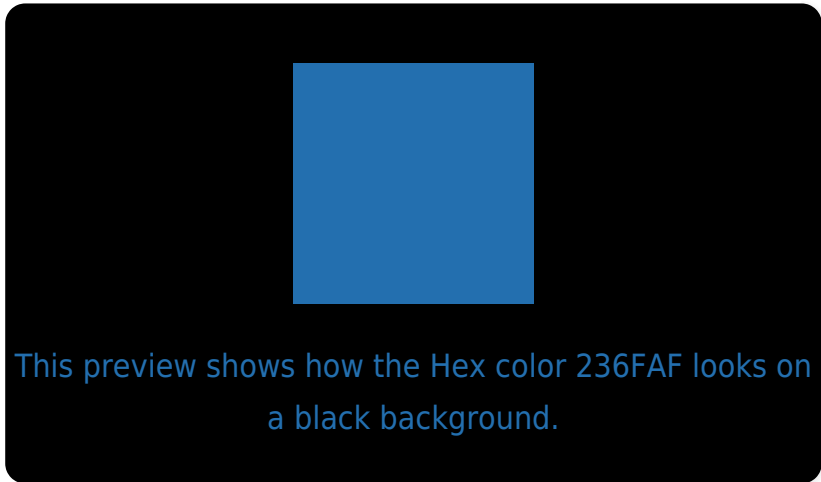
Large Text (above 18pt) WCAG AA ✓ Pass

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

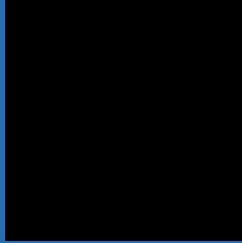
Any Text WCAG AA × Fail

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 236FAF Background



This preview shows how black text looks on a background with the Hex color 236FAF.

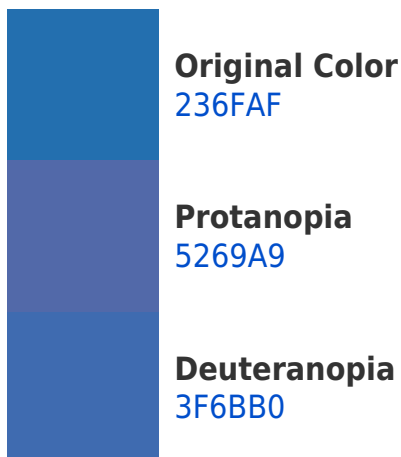


This preview shows how white text looks on a background with the Hex color 236FAF.

Color Blindness Simulation

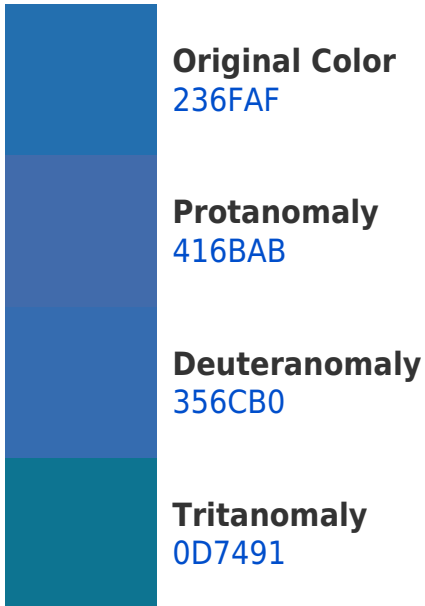
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

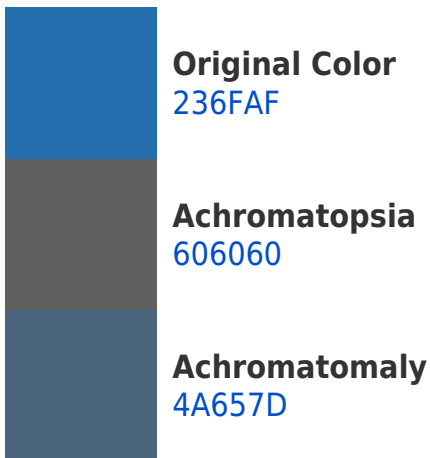




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 236FAF 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 #236FAF looks like.

```
.text, #text, p{  
    color:#236FAF  
}
```

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 #236FAF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #236FAF
}
```

Border

The CSS property to change the border of an element to Hex 236FAF is called "border". The border property can be set on classes, ids or directly on the HTML element.

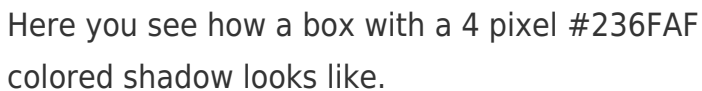
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#236FAF }
```

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

```
.border{ border-color:#236FAF }
```

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



Here you see how a box with a 4 pixel #236FAF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #236FAF; -webkit-box-shadow:4px 4px  
4px 4px #236FAF; box-shadow:4px 4px 4px  
4px #236FAF }
```

Background

The CSS property to change the background color of an element to Hex 236FAF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#236FAF }
```

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

```
.background{ background-color:#236FAF }
```

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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