

Converting Colors

Hex(252FAB)

Have a look what the booklet for
Hex(252FAB) contains.

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Color

Hex(252FAB)

Conversions

Conversions Part 1

Format	Color
Hex	252FAB
RGB	37, 47, 171
RGB Percent	15%, 18%, 67%
CMY	0.8549, 0.8157, 0.3294
CMYK	0.78, 0.73, 0.00, 0.33
HSL	236°, 64%, 41%
HSV	236°, 78%, 67%
XYZ	9.1302, 5.3666, 39.0827
YIQ	58.1460, -45.7640, 36.4440

Conversions

Conversions Part 2

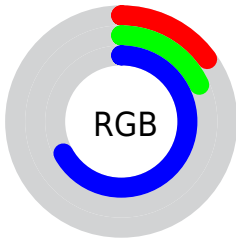
Format	Color
R_{YB}	37, 46, 171
Decimal	2437035
CIE _{Lab}	27.75, 40.39, -66.70
CIE _{LCh}	28, 77.974, 301.199
Yxy	5.3666, 0.1704, 0.1002
Android (android.graphics.Color)	4280627115 (0xFF252FAB)
YUV	58.1460, 55.6370, -18.5450
Hunter-Lab	23.1660, 29.8098, -83.8105

Details

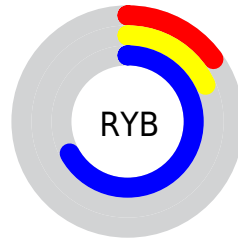
The Hex color **252FAB** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **ABA125**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **695EE4**, and **000675** is the 20% darker color. If you saturate the color by 10%, you get **141FAB**, and if you desaturate by 10%, it is **363FAB**.

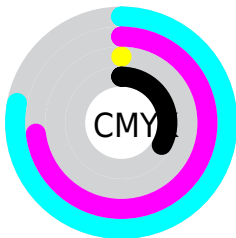
Distribution



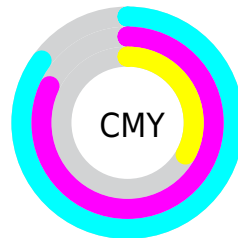
- Red (15%)
- Green (18%)
- Blue (67%)



- Red (15%)
- Yellow (18%)
- Blue (67%)



- Cyan (78%)
- Magenta (73%)
- Yellow (0%)
- Black (33%)



- Cyan (85%)
- Magenta (82%)
- Yellow (33%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 252FAB 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 252FAB by changing the saturation by 10% instead.

■ 252FAB

■ 252FAB

FFFFFF

■ 001990

■ 695EE4

■ 000675

■ 8777FF

■ 00005C

■ A591FF

■ 000743

■ C3ACFF

■ 00032C

■ E1C7FF

■ 000116

■ FFE3FF

■ 000000

■ 252FAB

■ 252FAB

■ 141FAB

■ 363FAB

■ 030FAB

■ 474FAB

■ 000DAB

■ 585EAB

■ 696EAB

■ 7A7EAB

■ 8C8EAB

■ 9D9EAB

■ AEAEAB

■ BFBDAB

Harmonies

Analogous

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



004BBD



252FAB



86007D

Triad

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



252FAB



7C2100



005643

Complementary

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



252FAB



ABA125

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.



005400



252FAB



4F4100

Square

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



252FAB



9A0005



004E00



00577F

Rectangle

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



252FAB



9C0056



004E00



00552D

Sweetspot

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



252FAB



A9ADDE



25ABA0



505270



F0F0F0



707070

Same Dimension

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



252FAB



0D1DDE



5D25AB



4E4F57



000B96



000217

Inverse Universe

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



AB252F



DE0D1D



73AB25



574E4F



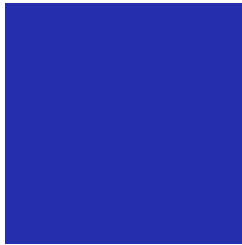
96000B



170002

Previews

White Background



This preview shows how the Hex color 252FAB looks on a white background.

Color Contrast Check

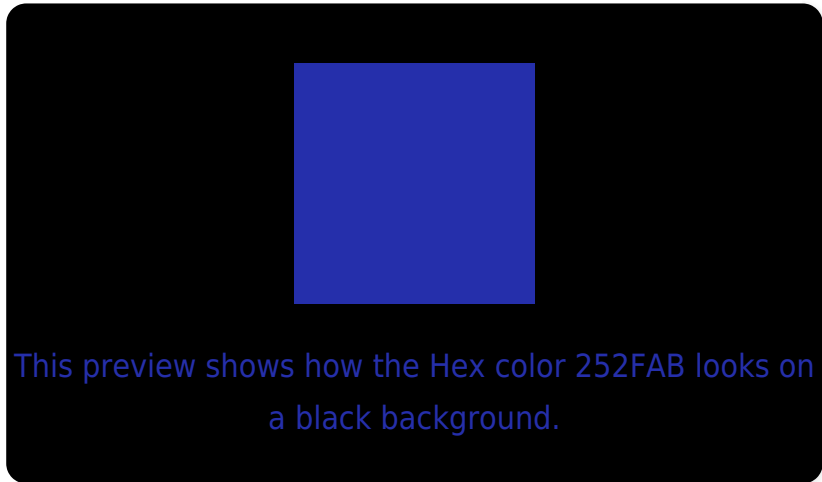
Large Text (above 18pt) WCAG AA ✓ Pass

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

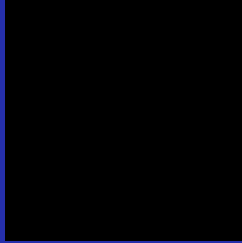
Any Text WCAG AA × Fail

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 252FAB Background



This preview shows how black text looks on a background with the Hex color 252FAB.



This preview shows how white text looks on a background with the Hex color 252FAB.

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
252FAB

Protanopia
003F85

Deuteranopia
004371



Tritanopia
00494D

Trichromacy



Original Color
252FAB

Protanomaly
0D3993

Deuteranomaly
0D3C86

Tritanomaly
0D406F

Monochromacy



Original Color
252FAB

Achromatopsia
3A3A3A

Achromatomaly
323663

CSS Examples

Text

The CSS property to change the color of the text to Hex 252FAB 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 #252FAB looks like.

```
.text, #text, p{  
    color:#252FAB  
}
```

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 #252FAB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #252FAB
}
```

Border

The CSS property to change the border of an element to Hex 252FAB 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
#252FAB }
```

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

```
.border{ border-color:#252FAB }
```

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

Here you see how a box with a 4 pixel #252FAB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #252FAB; -webkit-box-shadow:4px 4px  
4px 4px #252FAB; box-shadow:4px 4px 4px  
4px #252FAB }
```

Background

The CSS property to change the background color of an element to Hex 252FAB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#252FAB }
```

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

```
.background{ background-color:#252FAB }
```

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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