

Converting Colors

Hex(2A5FA5)

Have a look what the booklet for
Hex(2A5FA5) contains.

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Color

Hex(2A5FA5)

Conversions

Conversions Part 1

Format	Color
Hex	2A5FA5
RGB	42, 95, 165
RGB Percent	16%, 37%, 65%
CMY	0.8353, 0.6275, 0.3529
CMYK	0.75, 0.42, 0.00, 0.35
HSL	214°, 59%, 41%
HSV	214°, 75%, 65%
XYZ	11.8386, 11.3933, 37.1725
YIQ	87.1330, -54.0580, 10.5340

Conversions

Conversions Part 2

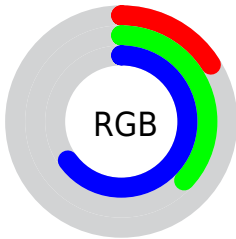
Format	Color
RYB	42, 79, 165
Decimal	2776997
CIELab	40.24, 7.31, -42.82
CIELCh	40, 43.444, 279.687
Yxy	11.3933, 0.1960, 0.1886
Android (android.graphics.Color)	4280967077 (0xFF2A5FA5)
YUV	87.1330, 38.3884, -39.5816
Hunter-Lab	33.7539, 3.5363, -41.6671

Details

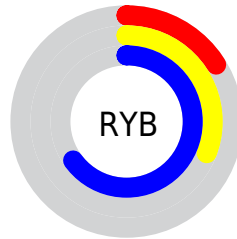
The Hex color **2A5FA5** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **A5702A**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **6891DD**, and **003271** is the 20% darker color. If you saturate the color by 10%, you get **1956A5**, and if you desaturate by 10%, it is **3A68A5**.

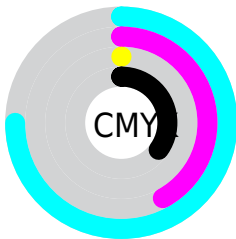
Distribution



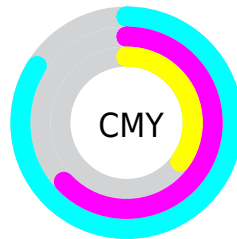
- Red (16%)
- Green (37%)
- Blue (65%)



- Red (16%)
- Yellow (31%)
- Blue (65%)



- Cyan (75%)
- Magenta (42%)
- Yellow (0%)
- Black (35%)



- Cyan (84%)
- Magenta (63%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A5FA5 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 2A5FA5 by changing the saturation by 10% instead.

■ 2A5FA5

■ 2A5FA5

FFFFFF

■ 00488A

■ 6891DD

■ 003271

■ 85ABF9

■ 001E58

■ A1C7FF

■ 000240

■ BEE2FF

■ 000329

■ DCFFFF

■ 000113

■ F9FFFF

■ 000000

■ 2A5FA5

■ 2A5FA5

■ 1956A5

■ 3A68A5

094CA5

4B72A5

0047A5

5B7BA5

6C85A5

7C8EA5

8D97A5

9DA1A5

AEAAA5

BEB4A5

Harmonies

Analogous

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



0069A1



2A5FA5



6F5096

Triad

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



2A5FA5



994633



006E45

Complementary

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



2A5FA5



A5702A

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.



406924



2A5FA5



855419

Square

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



2A5FA5



9F3D55



666110



00706A

Rectangle

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



2A5FA5



894683



666110



166D39

Sweetspot

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



2A5FA5



A7BBD6



2AA570



4F5B6B



EBEBEB



6B6B6B

Same Dimension

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



2A5FA5



186AD6



322AA5



494D52



003F91



000812

Inverse Universe

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



A52A5F



D6186A



9DA52A



52494D



91003F



120008

Previews

White Background



This preview shows how the Hex color 2A5FA5 looks on a white background.

Color Contrast Check

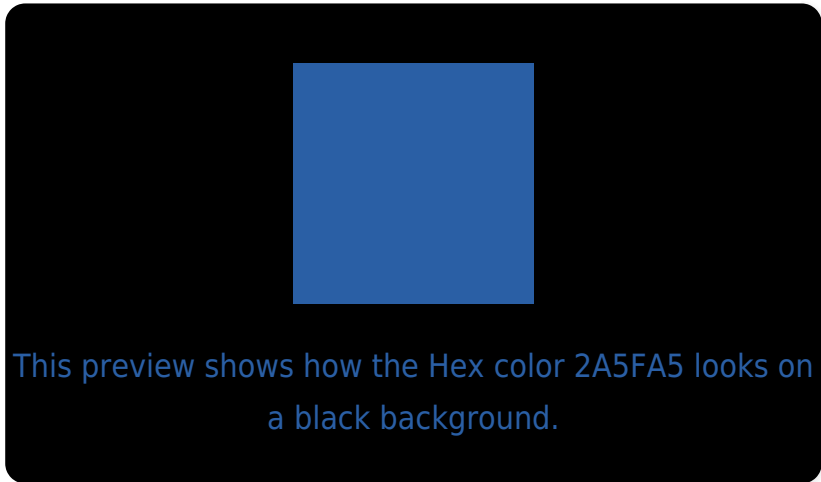
Large Text (above 18pt) WCAG AA ✓ Pass

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

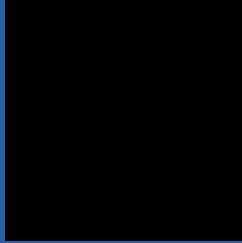
Any Text WCAG AA × Fail

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 2A5FA5 Background



This preview shows how black text looks on a background with the Hex color 2A5FA5.

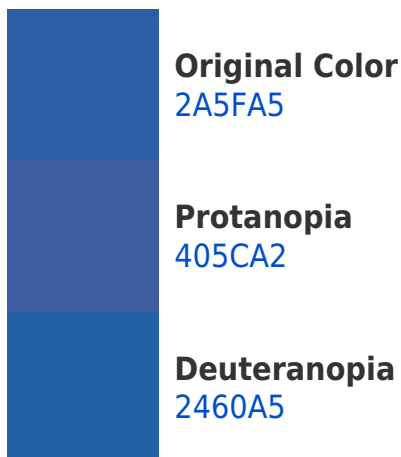



This preview shows how white text looks on a background with the Hex color 2A5FA5.

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](#).

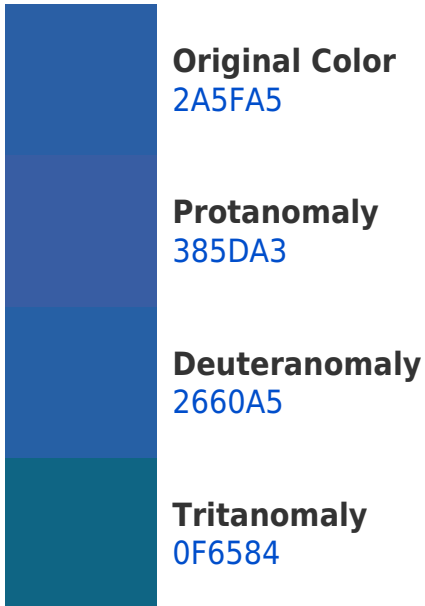
Dichromacy



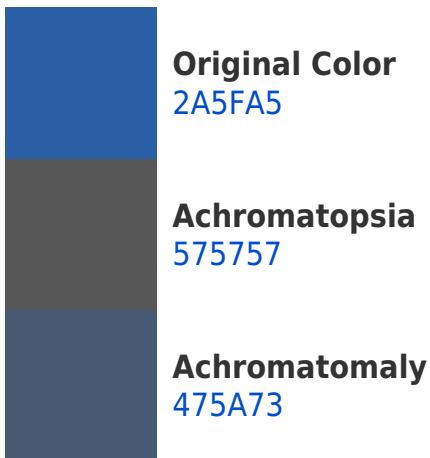


Tritanopia
006971

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2A5FA5 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 #2A5FA5 looks like.

```
.text, #text, p{  
    color:#2A5FA5  
}
```

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 #2A5FA5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A5FA5
}
```

Border

The CSS property to change the border of an element to Hex 2A5FA5 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
#2A5FA5 }
```

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

```
.border{ border-color:#2A5FA5 }
```

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

Here you see how a box with a 4 pixel #2A5FA5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A5FA5; -webkit-box-shadow:4px 4px  
4px 4px #2A5FA5; box-shadow:4px 4px 4px  
4px #2A5FA5 }
```

Background

The CSS property to change the background color of an element to Hex 2A5FA5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A5FA5 }
```

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

```
.background{ background-color:#2A5FA5 }
```

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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