

# Converting Colors

Hex(2C6FA5)

Have a look what the booklet for  
Hex(2C6FA5) contains.

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# Color

Hex(2C6FA5)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	2C6FA5
RGB	44, 111, 165
RGB Percent	17%, 44%, 65%
CMY	0.8275, 0.5647, 0.3529
CMYK	0.73, 0.33, 0.00, 0.35
HSL	207°, 58%, 41%
HSV	207°, 73%, 65%
XYZ	13.5147, 14.6210, 37.7071
YIQ	97.1230, -57.2660, 2.5900

# Conversions

## Conversions Part 2

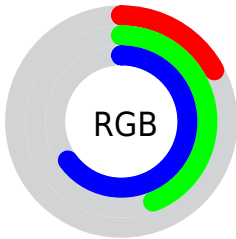
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	44, 87, 165
Decimal	2912165
CIE Lab	45.11, -2.44, -35.09
CIE LCh	45, 35.170, 266.027
Yxy	14.6210, 0.2053, 0.2221
Android (android.graphics.Color)	4281102245 (0xFF2C6FA5)
YUV	97.1230, 33.4634, -46.5889
Hunter-Lab	38.2374, -3.8261, -31.7017

# Details

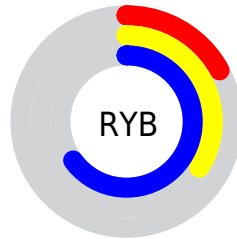
The Hex color **2C6FA5** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **A5622C**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **69A2DC**, and **004071** is the 20% darker color. If you saturate the color by 10%, you get **1B68A5**, and if you desaturate by 10%, it is **3C76A5**.

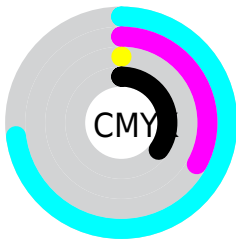
# Distribution



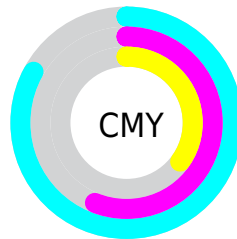
- Red (17%)
- Green (44%)
- Blue (65%)



- Red (17%)
- Yellow (34%)
- Blue (65%)



- Cyan (73%)
- Magenta (33%)
- Yellow (0%)
- Black (35%)



- Cyan (83%)
- Magenta (56%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2C6FA5 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 2C6FA5 by changing the saturation by 10% instead.



■ 2C6FA5

■ 2C6FA5

FFFFFF

■ 00578A

■ 69A2DC

■ 004071

■ 86BDF9

■ 002A58

■ A3D9FF

■ 001640

■ C0F5FF

■ 00032A

■ DDFFFF

■ 000114

■ FBFFFF

■ 000000

■ 2C6FA5

■ 2C6FA5

■ 1B68A5

■ 3C76A5

0B60A5

4D7EA5

005BA5

5D85A5

6E8CA5

7E94A5

8F9BA5

9FA3A5

B0AAA5

C0B1A5

# Harmonies

## Analogous

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



00769B



2C6FA5



67659F

# Triad

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



2C6FA5



A15453



3F7749

# Complementary

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



2C6FA5



A5622C

# 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.



637134



2C6FA5



965D3B

# Square

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



2C6FA5



9F5270



80682F



007966

# Rectangle

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



2C6FA5



815D94



80682F



4C7541



# Sweetspot

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



2C6FA5



A7C1D6



2CA560



4F5F6B



EBEBEB



6B6B6B



# Same Dimension

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



2C6FA5



1A82D6



2C34A5



494E52



005091



000A12



# Inverse Universe

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



A52C6F



D61A82



A59D2C



52494E



910050



12000A



# Previews

## White Background



This preview shows how the Hex color 2C6FA5 looks on a white background.

## Color Contrast Check

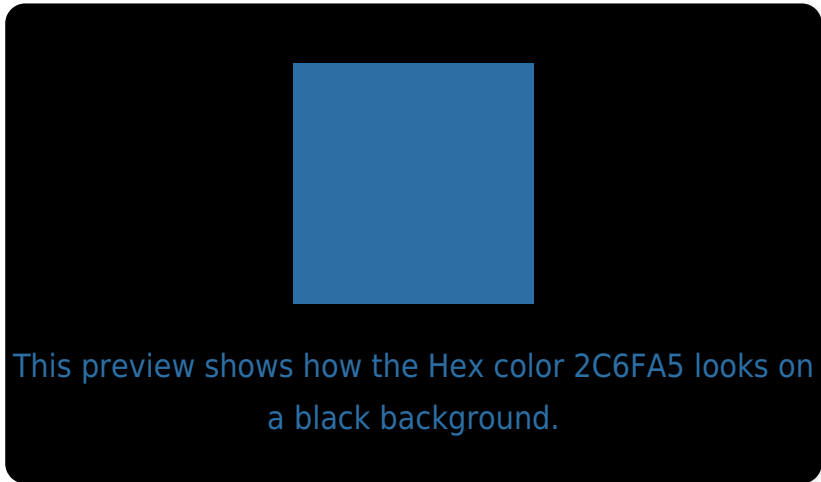
Large Text (above 18pt) WCAG AA ✓ Pass

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

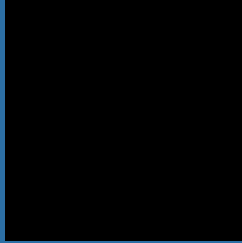
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 2C6FA5 Background



This preview shows how black text looks on a background with the Hex color 2C6FA5.

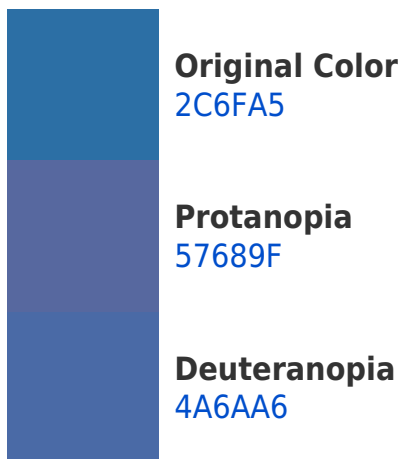


This preview shows how white text looks on a background with the Hex color 2C6FA5.

# 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](#).

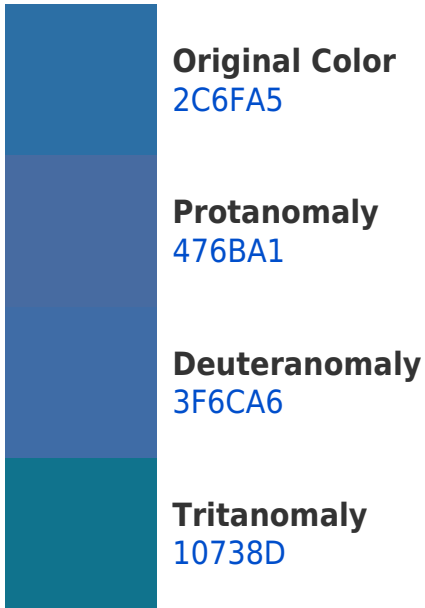
## Dichromacy



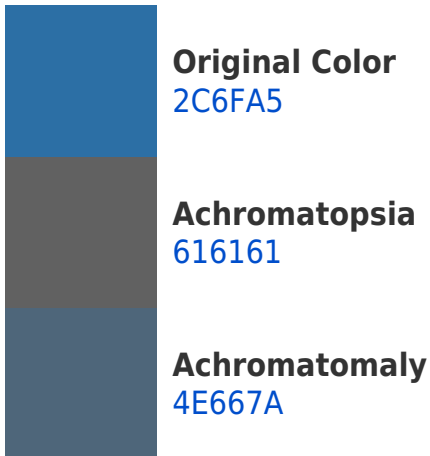


**Tritanopia**  
007680

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2C6FA5 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 #2C6FA5 looks like.

```
.text, #text, p{  
    color:#2C6FA5  
}
```

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 #2C6FA5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C6FA5
}
```

## Border

The CSS property to change the border of an element to Hex 2C6FA5 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
#2C6FA5 }
```

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

```
.border{ border-color:#2C6FA5 }
```

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

Here you see how a box with a 4 pixel #2C6FA5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C6FA5; -webkit-box-shadow:4px 4px  
4px 4px #2C6FA5; box-shadow:4px 4px 4px  
4px #2C6FA5 }
```

# Background

The CSS property to change the background color of an element to Hex 2C6FA5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C6FA5 }
```

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

```
.background{ background-color:#2C6FA5 }
```

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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