

# Converting Colors

Hex(428FA5)

Have a look what the booklet for  
Hex(428FA5) contains.

<b>Hex(428FA5)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

Hex(428FA5)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	428FA5
RGB	66, 143, 165
RGB Percent	26%, 56%, 65%
CMY	0.7412, 0.4392, 0.3529
CMYK	0.60, 0.13, 0.00, 0.35
HSL	193°, 43%, 45%
HSV	193°, 60%, 65%
XYZ	18.8608, 23.5198, 39.1430
YIQ	122.4850, -52.9540, -9.4820

# Conversions

## Conversions Part 2

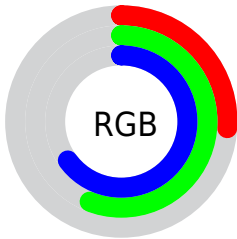
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	66, 109, 165
Decimal	4362149
CIE Lab	55.60, -17.00, -18.75
CIE LCh	56, 25.312, 227.811
Yxy	23.5198, 0.2314, 0.2885
Android (android.graphics.Color)	4282552229 (0xFF428FA5)
YUV	122.4850, 20.9599, -49.5373
Hunter-Lab	48.4972, -15.4507, -13.9060

# Details

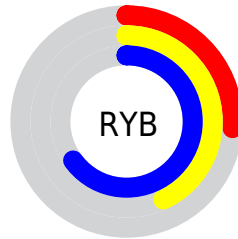
The Hex color **428FA5** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **A55842**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **7BC5DC**, and **005D71** is the 20% darker color. If you saturate the color by 10%, you get **328BA5**, and if you desaturate by 10%, it is **5293A5**.

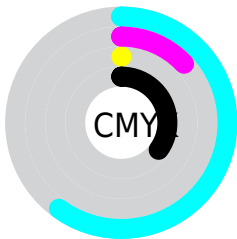
# Distribution



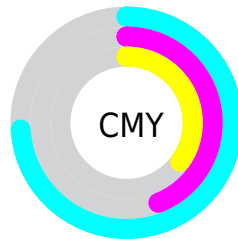
- Red (26%)
- Green (56%)
- Blue (65%)



- Red (26%)
- Yellow (43%)
- Blue (65%)



- Cyan (60%)
- Magenta (13%)
- Yellow (0%)
- Black (35%)



- Cyan (74%)
- Magenta (44%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 428FA5 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 428FA5 by changing the saturation by 10% instead.



428FA5

428FA5

FFFFFF

22758B

7BC5DC

005D71

97E1F9

004559

B4FEFF

002E41

D1FFFF

001B2B

EEFFFF

000116

000000

428FA5

428FA5

328BA5

5293A5

■ 2188A5

■ 6396A5

■ 1084A5

■ 739AA5

■ 0080A5

■ 849EA5

■ 94A1A5

■ A5A5A5

■ B6A9A5

■ C6ACA5

■ D6B0A5

# Harmonies

## Analogous

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



419192



428FA5



5B8AB0

# Triad

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



428FA5



AB768F



87885B

# Complementary

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



428FA5



A55842

# 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.



9D815B



428FA5



B17579

# Square

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



428FA5



987BA3



AC7A66



6E8E67

# Rectangle

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



428FA5



7185B0



AC7A66



8F8659



# Sweetspot

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



428FA5



B0CED6



42A557



54666B



EBEBEB



6B6B6B



# Same Dimension

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



428FA5



3CB4D6



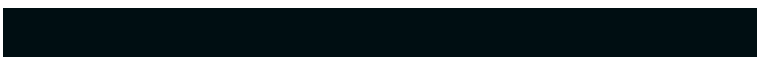
425EA5



495052



007191



000E12



# Inverse Universe

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



A5428F



D63CB4



A58942



524950



910071



12000E



# Previews

## White Background



This preview shows how the Hex color 428FA5 looks on a white background.

## Color Contrast Check

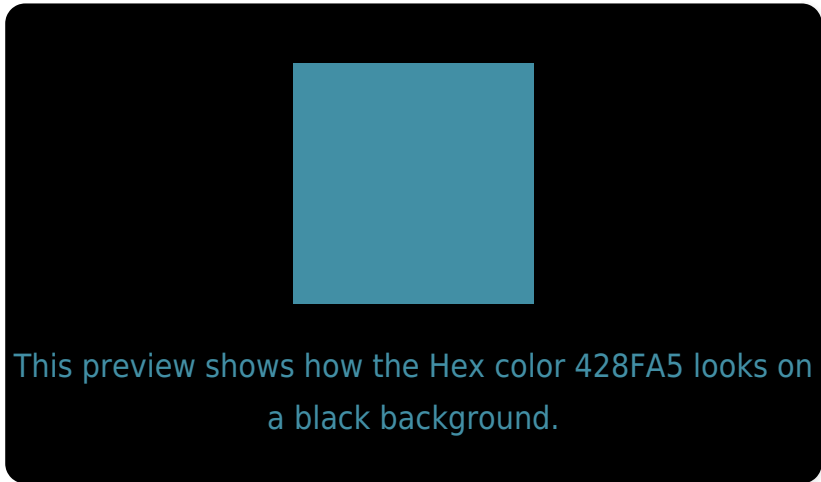
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

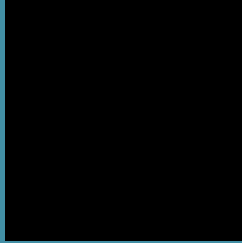
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 428FA5 Background



This preview shows how black text looks on a background with the Hex color 428FA5.

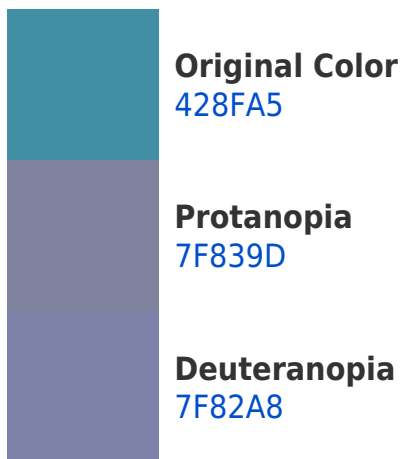


This preview shows how white text looks on a background with the Hex color 428FA5.

# 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](#).

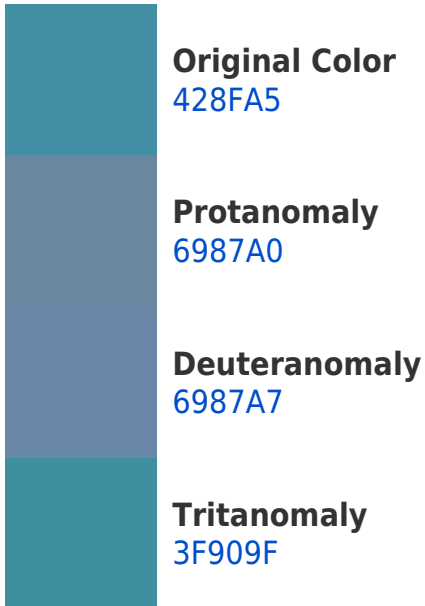
## Dichromacy



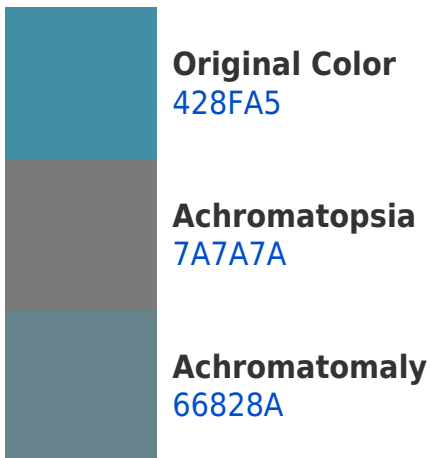


**Tritanopia**  
3E909C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 428FA5 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 #428FA5 looks like.

```
.text, #text, p{  
    color:#428FA5  
}
```

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 #428FA5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #428FA5  
}
```

## Border

The CSS property to change the border of an element to Hex 428FA5 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  
#428FA5 }
```

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

```
.border{ border-color:#428FA5 }
```

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

Here you see how a box with a 4 pixel #428FA5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #428FA5; -webkit-box-shadow:4px 4px  
4px 4px #428FA5; box-shadow:4px 4px 4px  
4px #428FA5 }
```

# Background

The CSS property to change the background color of an element to Hex 428FA5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#428FA5 }
```

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

```
.background{ background-color:#428FA5 }
```

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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