

# Converting Colors

Hex(828DA5)

Have a look what the booklet for  
Hex(828DA5) contains.

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# Color

**Hex(828DA5)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	828DA5
RGB	130, 141, 165
RGB Percent	51%, 55%, 65%
CMY	0.4902, 0.4471, 0.3529
CMYK	0.21, 0.15, 0.00, 0.35
HSL	221°, 16%, 58%
HSV	221°, 21%, 65%
XYZ	25.5223, 26.5122, 39.3695
YIQ	140.4470, -14.2600, 5.1320

# Conversions

## Conversions Part 2

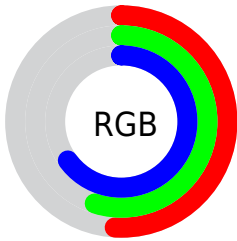
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	130, 138, 165
Decimal	8555941
CIE <sub>Lab</sub>	58.52, 1.37, -14.00
CIE <sub>LCh</sub>	59, 14.067, 275.580
Yxy	26.5122, 0.2792, 0.2901
Android (android.graphics.Color)	4286746021 (0xFF828DA5)
YUV	140.4470, 12.1046, -9.1620
Hunter-Lab	51.4900, -1.6294, -9.2904

# Details

The Hex color **828DA5** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **A59A82**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **B7C3DC**, and **505B71** is the 20% darker color. If you saturate the color by 10%, you get **7182A5**, and if you desaturate by 10%, it is **9298A5**.

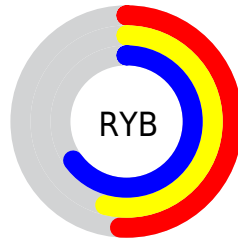
# Distribution



Red (51%)

Green (55%)

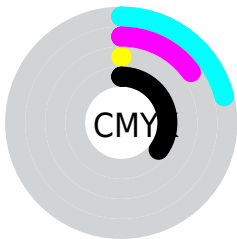
Blue (65%)



Red (51%)

Yellow (54%)

Blue (65%)

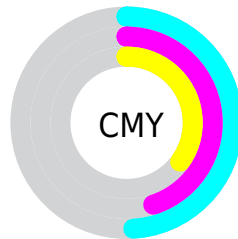


Cyan (21%)

Magenta (15%)

Yellow (0%)

Black (35%)



Cyan (49%)

Magenta (45%)

Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 828DA5 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 828DA5 by changing the saturation by 10% instead.





828DA5



828DA5

FFFFFF



69748B



B7C3DC



505B71



D3DEF9



394459



F0FBFF



222D41



0C192B



000117



000000



828DA5



828DA5



7182A5



9298A5

6176A5

A3A4A5

506BA5

B3AFA5

4060A5

C4BAA5

2F54A5

D4C6A5

1F49A5

E5D1A5

0E3EA5

F5DCA5

0034A5

FFE8A5

FFF3A5

# Harmonies

## Analogous

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



7491A3



828DA5



9289A1

# Triad

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



828DA5



A6857F



799382

# Complementary

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



828DA5



A59A82

# 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.



869079



828DA5



A08977

# Square

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



828DA5



A6848B



948D74



6F948F

# Rectangle

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



828DA5



9B869B



948D74



7D927E

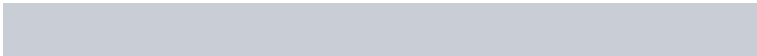


# Sweetspot

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



828DA5



C9CDD6



82A59A



64666B



EBEBEB



6B6B6B



# Same Dimension

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



828DA5



A1B1D6



8882A5



494C52



002E91



000612



# Inverse Universe

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



A5828D



D6A1B1



9FA582



52494C



91002E

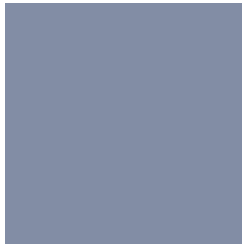


120006



# Previews

## White Background



This preview shows how the Hex color 828DA5 looks on a white background.

## Color Contrast Check

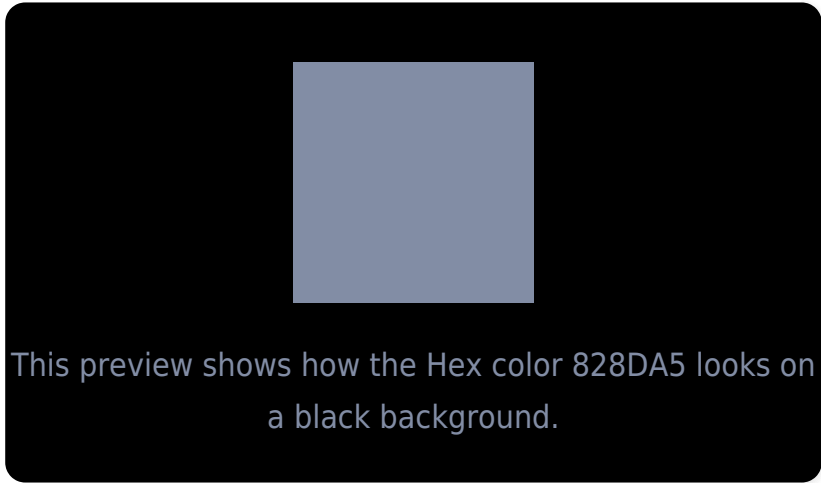
Large Text (above 18pt) WCAG AA ✓ Pass

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

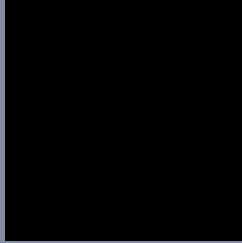
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

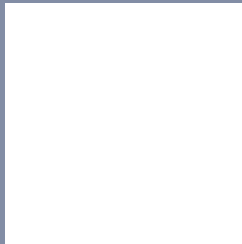
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 828DA5 Background



This preview shows how black text looks on a background with the Hex color 828DA5.



This preview shows how white text looks on a background with the Hex color 828DA5.

# 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**

828DA5

**Protanopia**

888BA4

**Deuteranopia**

8E89A6



**Tritanopia**  
808F9A

# Trichromacy



**Original Color**  
828DA5

**Protanomaly**  
868CA4

**Deuteranomaly**  
8A8AA6

**Tritanomaly**  
818E9E

# Monochromacy



**Original Color**  
828DA5

**Achromatopsia**  
8C8C8C

**Achromatomaly**  
888C95

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 828DA5 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 #828DA5 looks like.

```
.text, #text, p{  
    color:#828DA5  
}
```

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 #828DA5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #828DA5
}
```

## Border

The CSS property to change the border of an element to Hex 828DA5 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
#828DA5 }
```

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

```
.border{ border-color:#828DA5 }
```

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

Here you see how a box with a 4 pixel #828DA5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #828DA5; -webkit-box-shadow:4px 4px  
4px 4px #828DA5; box-shadow:4px 4px 4px  
4px #828DA5 }
```

# Background

The CSS property to change the background color of an element to Hex 828DA5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#828DA5 }
```

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

```
.background{ background-color:#828DA5 }
```

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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