

# Converting Colors

Hex(2779A5)

Have a look what the booklet for  
Hex(2779A5) contains.

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# Color

Hex(2779A5)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	2779A5
RGB	39, 121, 165
RGB Percent	15%, 47%, 65%
CMY	0.8471, 0.5255, 0.3529
CMYK	0.76, 0.27, 0.00, 0.35
HSL	201°, 62%, 40%
HSV	201°, 76%, 65%
XYZ	14.4656, 16.8227, 38.0820
YIQ	101.4980, -62.9960, -3.7000

# Conversions

## Conversions Part 2

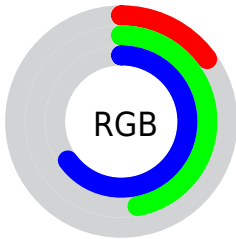
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	39, 89, 165
Decimal	2587045
CIE <sub>Lab</sub>	48.04, -9.06, -30.51
CIE <sub>LCh</sub>	48, 31.824, 253.454
Yxy	16.8227, 0.2085, 0.2425
Android (android.graphics.Color)	4280777125 (0xFF2779A5)
YUV	101.4980, 31.3065, -54.8107
Hunter-Lab	41.0155, -8.8225, -26.3387

# Details

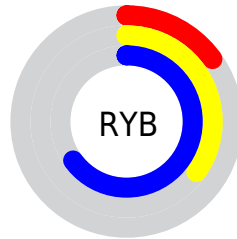
The Hex color **2779A5** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **A55327**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **67ADDC**, and **004971** is the 20% darker color. If you saturate the color by 10%, you get **1673A5**, and if you desaturate by 10%, it is **377FA5**.

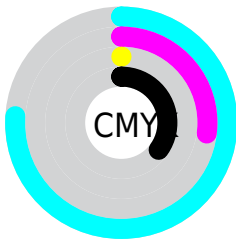
# Distribution



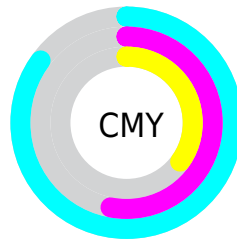
- Red (15%)
- Green (47%)
- Blue (65%)



- Red (15%)
- Yellow (35%)
- Blue (65%)



- Cyan (76%)
- Magenta (27%)
- Yellow (0%)
- Black (35%)



- Cyan (85%)
- Magenta (53%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2779A5 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 2779A5 by changing the saturation by 10% instead.



■ 2779A5                      ■ 2779A5

FFFFFF                      ■ 00608B

■ 67ADDC                      ■ 004971

■ 84C9F9                      ■ 003258

■ A0E5FF                      ■ 001E41

■ BEFFFF                      ■ 00032A

■ DBFFFF                      ■ 000115

■ F9FFFF                      ■ 000000

■ 2779A5                      ■ 2779A5

■ 1673A5                      ■ 377FA5

066DA5

4885A5

006BA5

588AA5

6990A5

7996A5

8A9CA5

9AA1A5

ABA7A5

BBADA5

# Harmonies

## Analogous

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



007E96



2779A5



5E71A6

# Triad

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



2779A5



A65D67



597B4A

# Complementary

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



2779A5



A55327

# 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.



77743D



2779A5



A0624E

# Square

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



2779A5



9D5E82



906B3E



357F62

# Rectangle

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



2779A5



796A9F



906B3E



647944



# Sweetspot

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



2779A5



A5C5D6



27A551



4D616B



EBEBEB



6B6B6B



# Same Dimension

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



2779A5



1191D6



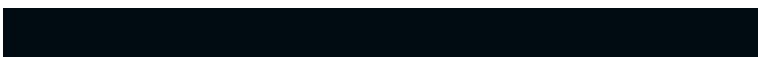
273CA5



494F52



005F91



000C12



# Inverse Universe

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



A52779



D61191



A59027



52494F



91005F



12000C



# Previews

## White Background



This preview shows how the Hex color 2779A5 looks on a white background.

## Color Contrast Check

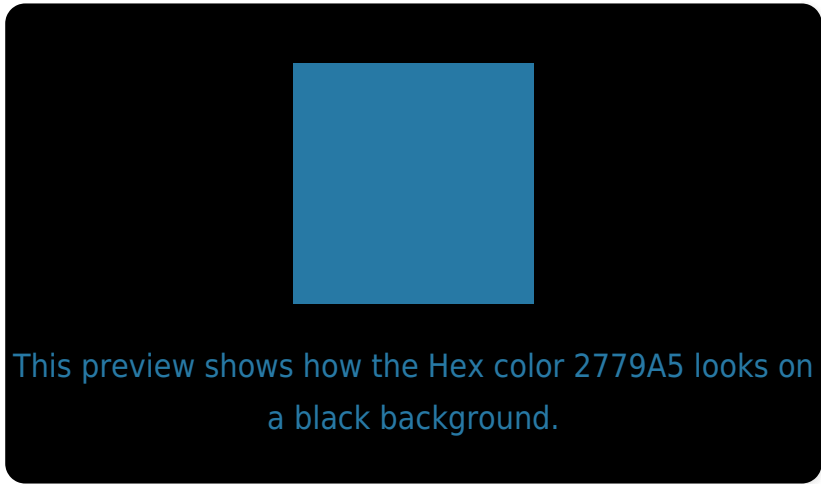
Large Text (above 18pt) WCAG AA ✓ Pass

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

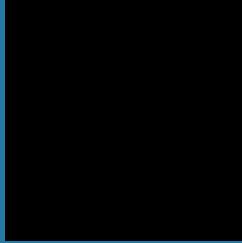
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 2779A5 Background



This preview shows how black text looks on a background with the Hex color 2779A5.

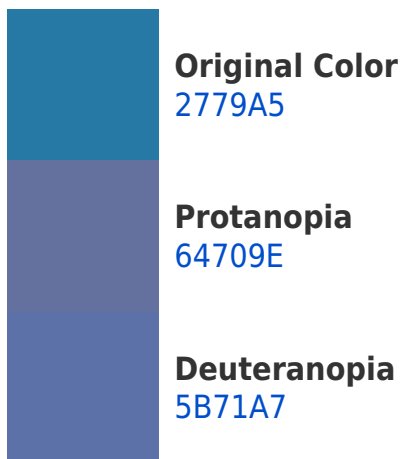


This preview shows how white text looks on a background with the Hex color 2779A5.

# 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](#).

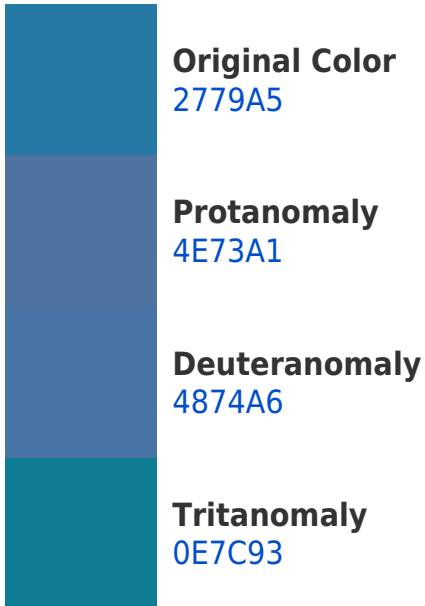
## Dichromacy





**Tritanopia**  
007E88

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2779A5 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 #2779A5 looks like.

```
.text, #text, p{  
    color:#2779A5  
}
```

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 #2779A5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2779A5
}
```

## Border

The CSS property to change the border of an element to Hex 2779A5 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
#2779A5 }
```

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

```
.border{ border-color:#2779A5 }
```

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

Here you see how a box with a 4 pixel #2779A5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2779A5; -webkit-box-shadow:4px 4px  
4px 4px #2779A5; box-shadow:4px 4px 4px  
4px #2779A5 }
```

# Background

The CSS property to change the background color of an element to Hex 2779A5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2779A5 }
```

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

```
.background{ background-color:#2779A5 }
```

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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