

# Converting Colors

Hex(328CA5)

Have a look what the booklet for  
Hex(328CA5) contains.

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# Color

**Hex(328CA5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	328CA5
RGB	50, 140, 165
RGB Percent	20%, 55%, 65%
CMY	0.8039, 0.4510, 0.3529
CMYK	0.70, 0.15, 0.00, 0.35
HSL	193°, 53%, 42%
HSV	193°, 70%, 65%
XYZ	17.4850, 22.1509, 38.9513
YIQ	115.9400, -61.6650, -11.3050

# Conversions

## Conversions Part 2

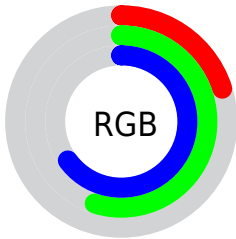
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	50, 100, 165
Decimal	3312805
CIE <sub>Lab</sub>	54.19, -18.16, -20.97
CIE <sub>LCh</sub>	54, 27.738, 229.098
Yxy	22.1509, 0.2225, 0.2819
Android (android.graphics.Color)	4281502885 (0xFF328CA5)
YUV	115.9400, 24.1866, -57.8294
Hunter-Lab	47.0647, -16.0488, -16.1238

# Details

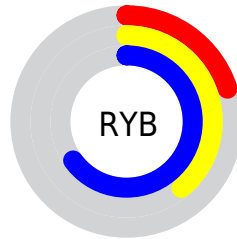
The Hex color **328CA5** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **A54B32**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **6FC2DC**, and **005A71** is the 20% darker color. If you saturate the color by 10%, you get **2188A5**, and if you desaturate by 10%, it is **4290A5**.

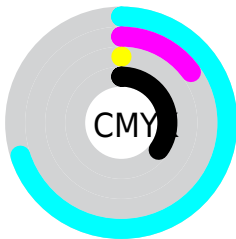
# Distribution



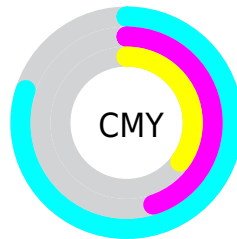
- Red (20%)
- Green (55%)
- Blue (65%)



- Red (20%)
- Yellow (39%)
- Blue (65%)



- Cyan (70%)
- Magenta (15%)
- Yellow (0%)
- Black (35%)



- Cyan (80%)
- Magenta (45%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 328CA5 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 328CA5 by changing the saturation by 10% instead.



 328CA5

 328CA5

FFFFFF

 00728B

 6FC2DC

 005A71

 8CDEF9

 004259

 A8FAFF

 002C41

 C6FFFF

 00192B

 E3FFFF

 000116

 000000

 328CA5

 328CA5

 2188A5

 4290A5

■ 1185A5

■ 5393A5

■ 0081A5

■ 6397A5

■ 749AA5

■ 849EA5

■ 95A2A5

■ A5A5A5

■ B6A9A5

■ C6ACA5

# Harmonies

## Analogous

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



308E90



328CA5



5387B0

# Triad

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



328CA5



AB708B



828554

# Complementary

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



328CA5



A54B32

# 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.



9A7D53



328CA5



B17073

# Square

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



328CA5



9776A1



AA755E



678B61

# Rectangle

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



328CA5



6C81B1



AA755E



8B8252



# Sweetspot

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



328CA5



A9CCD6



32A54B



50656B



EBEBEB



6B6B6B



# Same Dimension

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



328CA5



22AFD6



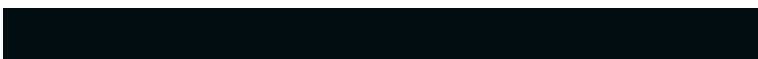
3253A5



495052



007291



000E12



# Inverse Universe

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



A5328C



D622AF



A58432



524950



910072



12000E



# Previews

## White Background



This preview shows how the Hex color 328CA5 looks on a white background.

## Color Contrast Check

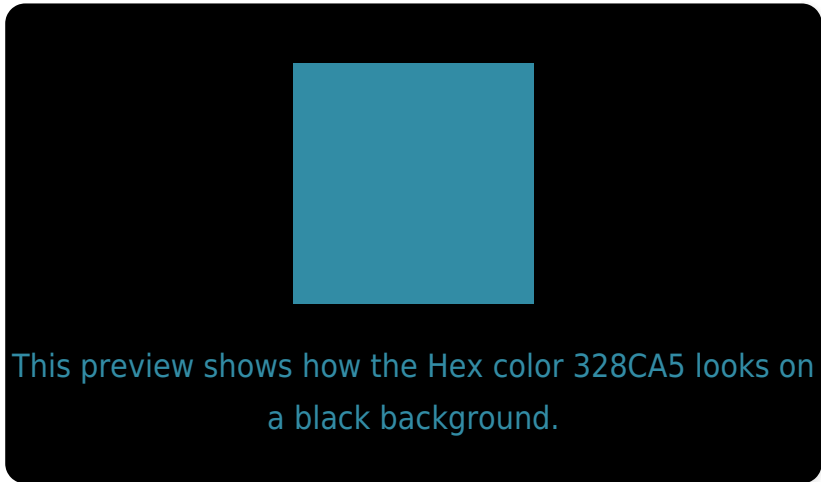
Large Text (above 18pt) WCAG AA ✓ Pass

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

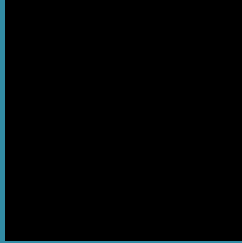
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 328CA5 Background



This preview shows how black text looks on a background with the Hex color 328CA5.

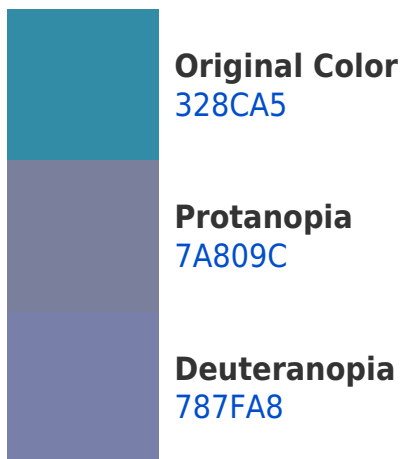


This preview shows how white text looks on a background with the Hex color 328CA5.

# 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](#).

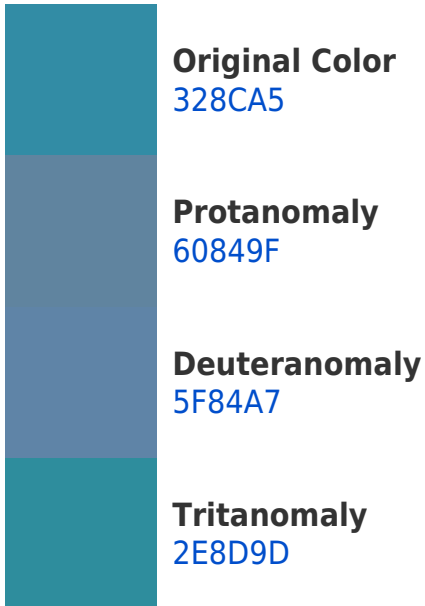
## Dichromacy



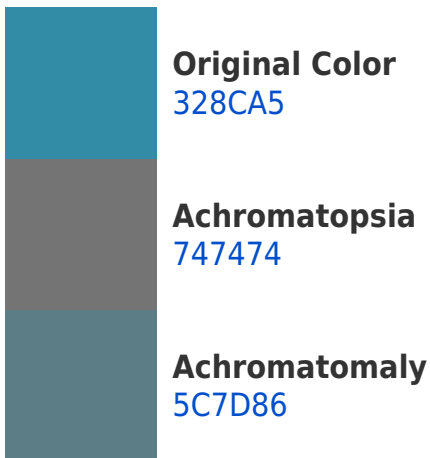


**Tritanopia**  
2B8E99

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 328CA5 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 #328CA5 looks like.

```
.text, #text, p{  
    color:#328CA5  
}
```

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 #328CA5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #328CA5
}
```

## Border

The CSS property to change the border of an element to Hex 328CA5 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
#328CA5 }
```

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

```
.border{ border-color:#328CA5 }
```

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

Here you see how a box with a 4 pixel #328CA5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #328CA5; -webkit-box-shadow:4px 4px  
4px 4px #328CA5; box-shadow:4px 4px 4px  
4px #328CA5 }
```

# Background

The CSS property to change the background color of an element to Hex 328CA5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#328CA5 }
```

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

```
.background{ background-color:#328CA5 }
```

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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