

# Converting Colors

Hex(288BBD)

Have a look what the booklet for  
Hex(288BBD) contains.

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# Color

**Hex(288BBD)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	288BBD
RGB	40, 139, 189
RGB Percent	16%, 55%, 74%
CMY	0.8431, 0.4549, 0.2588
CMYK	0.79, 0.26, 0.00, 0.26
HSL	200°, 65%, 45%
HSV	200°, 79%, 74%
XYZ	19.2930, 22.5905, 51.4877
YIQ	115.0990, -75.0540, -5.4380

# Conversions

## Conversions Part 2

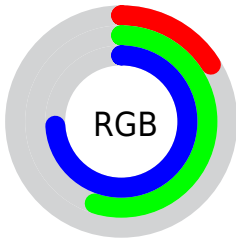
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	40, 99, 189
Decimal	2657213
CIE <sub>Lab</sub>	54.65, -10.67, -34.01
CIE <sub>LCh</sub>	55, 35.643, 252.583
Yxy	22.5905, 0.2066, 0.2419
Android (android.graphics.Color)	4280847293 (0xFF288BBD)
YUV	115.0990, 36.4332, -65.8618
Hunter-Lab	47.5294, -10.7204, -30.9570

# Details

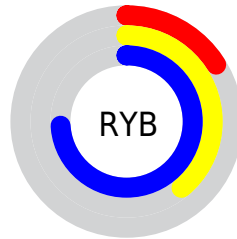
The Hex color **288BBD** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **BD5A28**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **6DC0F5**, and **005987** is the 20% darker color. If you saturate the color by 10%, you get **1585BD**, and if you desaturate by 10%, it is **3B91BD**.

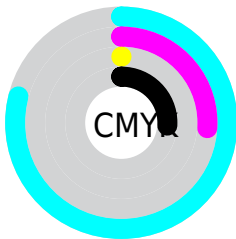
# Distribution



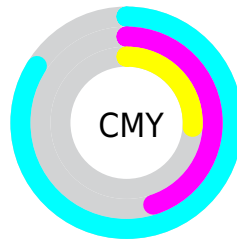
- Red (16%)
- Green (55%)
- Blue (74%)



- Red (16%)
- Yellow (39%)
- Blue (74%)



- Cyan (79%)
- Magenta (26%)
- Yellow (0%)
- Black (26%)



- Cyan (84%)
- Magenta (45%)
- Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 288BBD 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 288BBD by changing the saturation by 10% instead.



 288BBD

 288BBD

FFFFFF

 0072A2

 6DC0F5

 005987

 8BDCFF

 00426E

 A8F9FF

 002C55

 C6FFFF

 00183E

 E4FFFF

 000327

 000111

 000000

 288BBD

 288BBD

■ 1585BD

■ 3B91BD

■ 027EBD

■ 4E98BD

■ 007EBD

■ 619EBD

■ 74A4BD

■ 87ABBD

■ 99B1BD

■ ACB7BD

■ BFBEBD

■ D2C4BD

# Harmonies

## Analogous

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



0091AC



288BBD



6981BF

# Triad

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



288BBD



BE6A77



678D54

# Complementary

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



288BBD



BD5A28

# 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.



898545



288BBD



B8705A

# Square

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



288BBD



B36C96



A57B48



3D926F

# Rectangle

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



288BBD



897AB7



A57B48



738B4D



# Sweetspot

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



288BBD



BAE1F5



28BD5A



576E7A



FAFAFA



7A7A7A



# Same Dimension

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



288BBD



0CA7F5



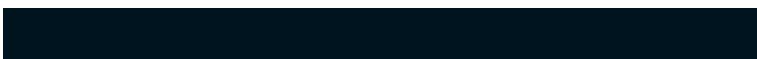
2841BD



555B5E



00699E



00141F



# Inverse Universe

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



BD288B



F50CA7



BDA428



5E555B



9E0069



1F0014



# Previews

## White Background



This preview shows how the Hex color 288BBD looks on a white background.

## Color Contrast Check

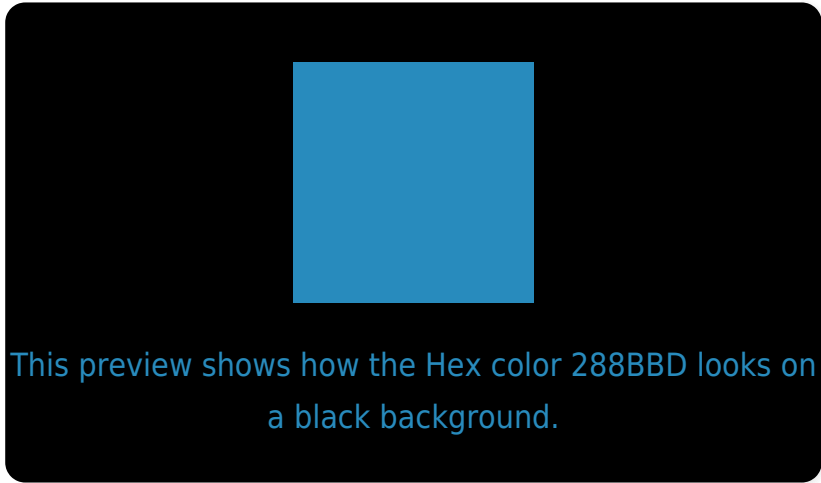
Large Text (above 18pt) WCAG AA ✓ Pass

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 288BBD Background



This preview shows how black text looks on a background with the Hex color 288BBD.

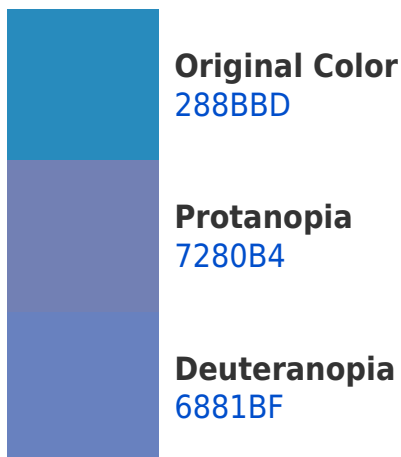


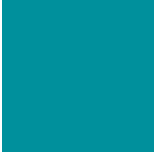
This preview shows how white text looks on a background with the Hex color 288BBD.

# 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](#).

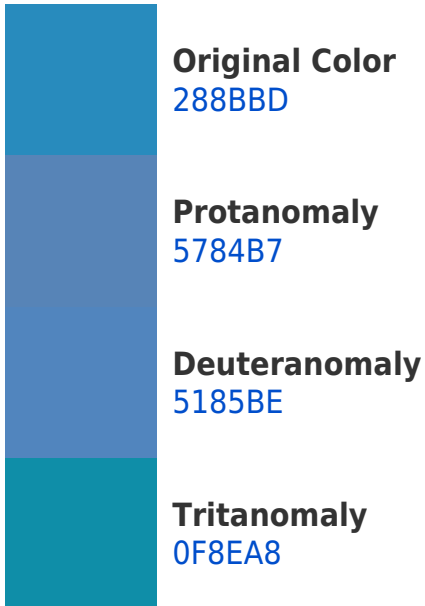
## Dichromacy





**Tritanopia**  
00909C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 288BBD 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 #288BBD looks like.

```
.text, #text, p{  
    color:#288BBD  
}
```

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 #288BBD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #288BBD
}
```

## Border

The CSS property to change the border of an element to Hex 288BBD 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
#288BBD }
```

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

```
.border{ border-color:#288BBD }
```

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

Here you see how a box with a 4 pixel #288BBD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #288BBD; -webkit-box-shadow:4px 4px  
4px 4px #288BBD; box-shadow:4px 4px 4px  
4px #288BBD }
```

# Background

The CSS property to change the background color of an element to Hex 288BBD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#288BBD }
```

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

```
.background{ background-color:#288BBD }
```

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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