

Converting Colors

Hex(5299BB)

Have a look what the booklet for
Hex(5299BB) contains.

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Color

Hex(5299BB)

Conversions

Conversions Part 1

Format	Color
Hex	5299BB
RGB	82, 153, 187
RGB Percent	32%, 60%, 73%
CMY	0.6784, 0.4000, 0.2667
CMYK	0.56, 0.18, 0.00, 0.27
HSL	199°, 44%, 53%
HSV	199°, 56%, 73%
XYZ	23.8405, 28.1642, 51.1934
YIQ	135.6470, -53.2300, -4.4780

Conversions

Conversions Part 2

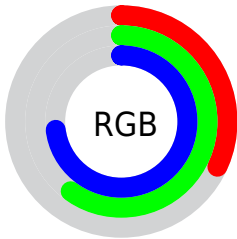
Format	Color
R _Y B	82, 124, 187
Decimal	5413307
CIE Lab	60.04, -12.42, -24.42
CIE LCh	60, 27.396, 243.049
Yxy	28.1642, 0.2310, 0.2729
Android (android.graphics.Color)	4283603387 (0xFF5299BB)
YUV	135.6470, 25.3170, -47.0484
Hunter-Lab	53.0699, -12.6850, -20.0446

Details

The Hex color **5299BB** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **BB7452**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **8BCFF3**, and **096686** is the 20% darker color. If you saturate the color by 10%, you get **3F93BB**, and if you desaturate by 10%, it is **659FBB**.

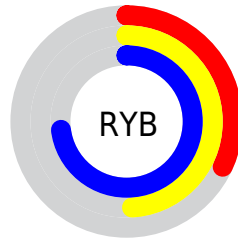
Distribution



Red (32%)

Green (60%)

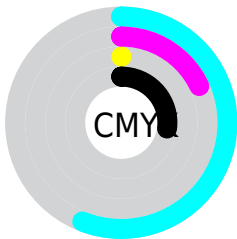
Blue (73%)



Red (32%)

Yellow (49%)

Blue (73%)

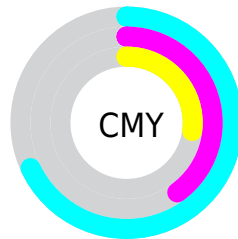


Cyan (56%)

Magenta (18%)

Yellow (0%)

Black (27%)



Cyan (68%)

Magenta (40%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5299BB 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 5299BB by changing the saturation by 10% instead.

■ 5299BB

■ 5299BB

FFFFFF

■ 347FA0

■ 8BCFF3

■ 096686

■ A7ECFF

■ 004E6C

■ C4FFFF

■ 003754

■ E1FFFF

■ 00223D

■ 000327

■ 000110

■ 000000

■ 5299BB

■ 5299BB

■ 3F93BB

■ 659FBB

■ 2D8DBB

■ 77A5BB

■ 1A87BB

■ 8AABBB

■ 0781BB

■ 9DB1BB

■ 007EBB

■ B0B7BB

■ C2BDBB

■ D5C3BB

■ E8C9BB

■ FACFBB

Harmonies

Analogous

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



419DAA



5299BB



7492C0

Triad

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



5299BB



BF7F8F



859768

Complementary

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



5299BB



BB7452

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.



9F9060



5299BB



BF8178

Square

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



5299BB



B282A7



B48866



699C7A

Rectangle

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



5299BB



8C8CBD



B48866



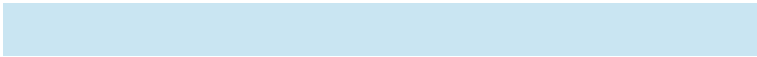
8E9564

Sweetspot

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



5299BB



C9E5F2



52BB73



62727A



FAFAFA



7A7A7A

Same Dimension

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



5299BB



50BEF2



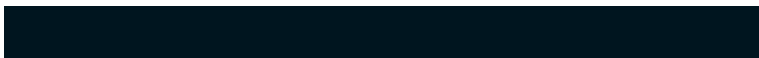
5265BB



555B5E



006B9E



00151F

Inverse Universe

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



BB5299



F250BE



BBA852



5E555B



9E006B



1F0015

Previews

White Background



This preview shows how the Hex color 5299BB looks on a white background.

Color Contrast Check

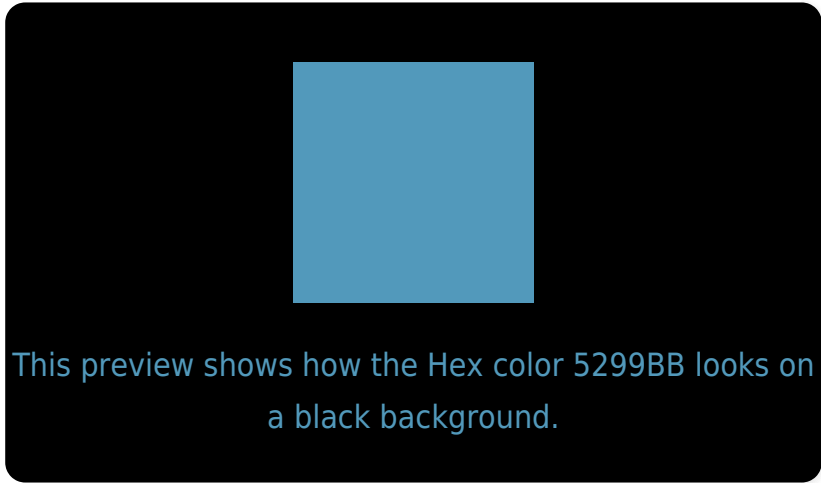
Large Text (above 18pt) WCAG AA ✓ Pass

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

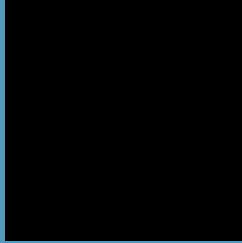
Any Text WCAG AA ✓ Pass

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 5299BB Background



This preview shows how black text looks on a background with the Hex color 5299BB.



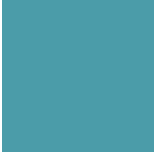
This preview shows how white text looks on a background with the Hex color 5299BB.

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](#).

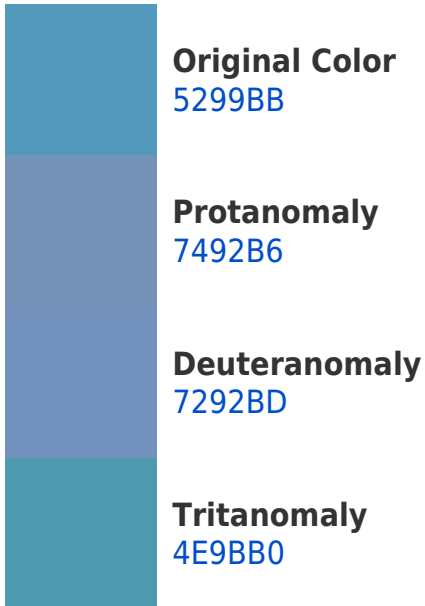
Dichromacy





Tritanopia
4B9CA9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5299BB 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 #5299BB looks like.

```
.text, #text, p{  
    color:#5299BB  
}
```

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 #5299BB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5299BB  
}
```

Border

The CSS property to change the border of an element to Hex 5299BB 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  
#5299BB }
```

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

```
.border{ border-color:#5299BB }
```

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

Here you see how a box with a 4 pixel #5299BB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5299BB; -webkit-box-shadow:4px 4px  
4px 4px #5299BB; box-shadow:4px 4px 4px  
4px #5299BB }
```

Background

The CSS property to change the background color of an element to Hex 5299BB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5299BB }
```

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

```
.background{ background-color:#5299BB }
```

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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