

Converting Colors

Hex(5788BB)

Have a look what the booklet for
Hex(5788BB) contains.

Hex(5788BB)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(5788BB)

Conversions

Conversions Part 1

Format	Color
Hex	5788BB
RGB	87, 136, 187
RGB Percent	34%, 53%, 73%
CMY	0.6588, 0.4667, 0.2667
CMYK	0.53, 0.27, 0.00, 0.27
HSL	211°, 42%, 54%
HSV	211°, 53%, 73%
XYZ	21.7043, 23.2224, 50.3521
YIQ	127.1630, -45.5750, 5.4730

Conversions

Conversions Part 2

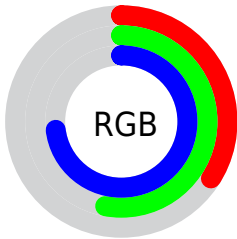
Format	Color
RYB	87, 120, 187
Decimal	5736635
CIELab	55.30, -1.72, -31.73
CIELCh	55, 31.776, 266.902
Yxy	23.2224, 0.2278, 0.2437
Android (android.graphics.Color)	4283926715 (0xFF5788BB)
YUV	127.1630, 29.4996, -35.2230
Hunter-Lab	48.1896, -3.9367, -28.2179

Details

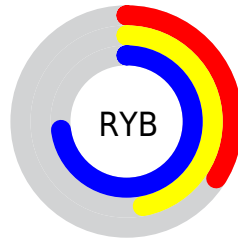
The Hex color **5788BB** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **BB8A57**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **8FBDF3**, and **195786** is the 20% darker color. If you saturate the color by 10%, you get **447EBB**, and if you desaturate by 10%, it is **6A92BB**.

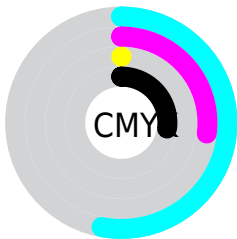
Distribution



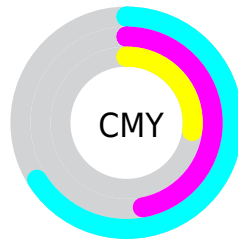
- Red (34%)
- Green (53%)
- Blue (73%)



- Red (34%)
- Yellow (47%)
- Blue (73%)



- Cyan (53%)
- Magenta (27%)
- Yellow (0%)
- Black (27%)



- Cyan (66%)
- Magenta (47%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5788BB 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 5788BB by changing the saturation by 10% instead.

■ 5788BB

■ 5788BB

FFFFFF

■ 3A6FA0

■ 8FBDF3

■ 195786

■ ABD9FF

■ 003F6C

■ C8F5FF

■ 002A53

■ E5FFFF

■ 00163C

■ 000226

■ 00010F

■ 000000

■ 5788BB

■ 5788BB

■ 447EBB

■ 6A92BB

■ 3275BB

■ 7C9BBB

■ 1F6BBB

■ 8FA5BB

■ 0C62BB

■ A2AEBB

■ 005CBB

■ B5B8BB

■ C7C1BB

■ DACBBB

■ EDD4BB

■ FFDEBB

Harmonies

Analogous

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



238FB2



5788BB



837EB5

Triad

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



5788BB



BA716D



5C9065

Complementary

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



5788BB



BB8A57

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.



7D8A52



5788BB



AE7857

Square

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



5788BB



B76F88



99824D



379381

Rectangle

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



5788BB



9B78AA



99824D



688E5E

Sweetspot

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



5788BB



CBDEF2



57BB89



636F7A



FAFAFA



7A7A7A

Same Dimension

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



5788BB



57A3F2



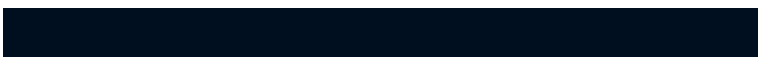
5757BB



555A5E



004D9E



000F1F

Inverse Universe

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



BB5788



F257A3



BBBB57



5E555A



9E004D



1F000F

Previews

White Background



This preview shows how the Hex color 5788BB looks on a white background.

Color Contrast Check

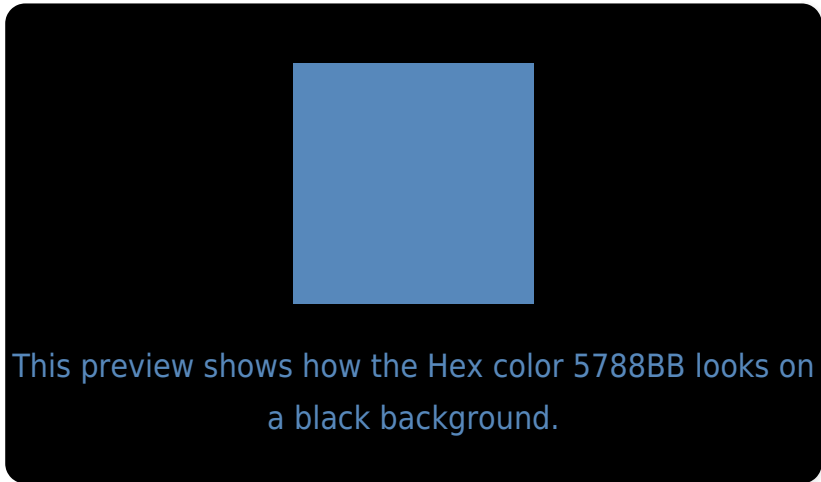
Large Text (above 18pt) WCAG AA ✓ Pass

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

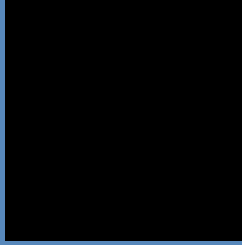
Any Text WCAG AA ✓ Pass

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 5788BB Background



This preview shows how black text looks on a background with the Hex color 5788BB.



This preview shows how white text looks on a background with the Hex color 5788BB.

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](#).

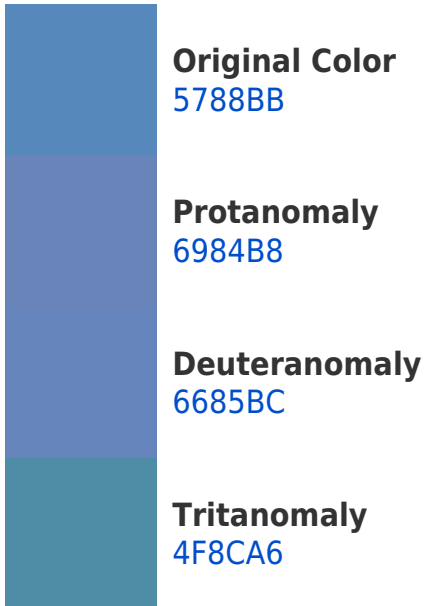
Dichromacy



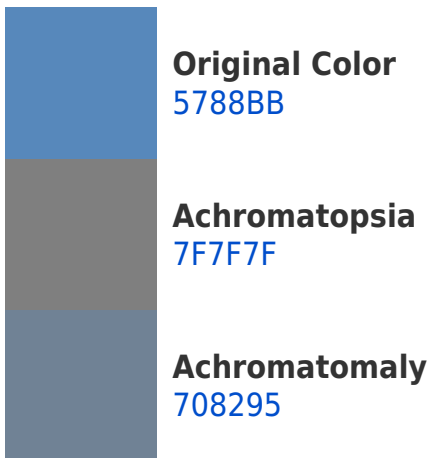


Tritanopia
4B8E9A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5788BB 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 #5788BB looks like.

```
.text, #text, p{  
    color:#5788BB  
}
```

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 #5788BB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5788BB
}
```

Border

The CSS property to change the border of an element to Hex 5788BB 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
#5788BB }
```

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

```
.border{ border-color:#5788BB }
```

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

Here you see how a box with a 4 pixel #5788BB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5788BB; -webkit-box-shadow:4px 4px  
4px 4px #5788BB; box-shadow:4px 4px 4px  
4px #5788BB }
```

Background

The CSS property to change the background color of an element to Hex 5788BB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5788BB }
```

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

```
.background{ background-color:#5788BB }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor