

Converting Colors

Hex(6A88B8)

Have a look what the booklet for
Hex(6A88B8) contains.

Hex(6A88B8)	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(6A88B8)

Conversions

Conversions Part 1

Format	Color
Hex	6A88B8
RGB	106, 136, 184
RGB Percent	42%, 53%, 72%
CMY	0.5843, 0.4667, 0.2784
CMYK	0.42, 0.26, 0.00, 0.28
HSL	217°, 35%, 57%
HSV	217°, 42%, 72%
XYZ	23.3997, 24.1332, 48.7723
YIQ	132.5020, -33.2880, 8.5680

Conversions

Conversions Part 2

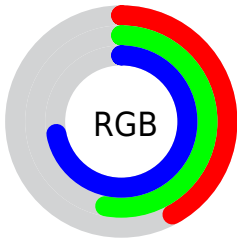
Format	Color
R_{YB}	106, 128, 184
Decimal	6981816
CIE _{Lab}	56.22, 2.08, -28.51
CIE _{LCh}	56, 28.584, 274.164
Yxy	24.1332, 0.2430, 0.2506
Android (android.graphics.Color)	4285171896 (0xFF6A88B8)
YUV	132.5020, 25.3885, -23.2423
Hunter-Lab	49.1255, -0.9456, -24.4758

Details

The Hex color **6A88B8** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **B89A6A**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **A0BDF0**, and **355783** is the 20% darker color. If you saturate the color by 10%, you get **587DB8**, and if you desaturate by 10%, it is **7C93B8**.

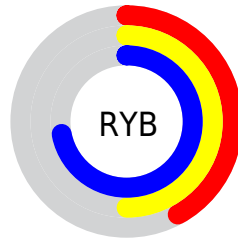
Distribution



Red (42%)

Green (53%)

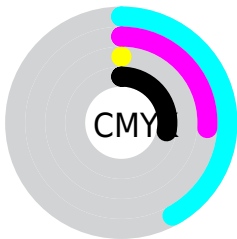
Blue (72%)



Red (42%)

Yellow (50%)

Blue (72%)

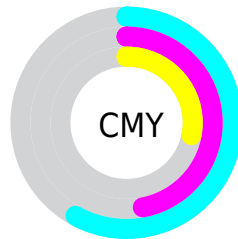


Cyan (42%)

Magenta (26%)

Yellow (0%)

Black (28%)



Cyan (58%)

Magenta (47%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6A88B8 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 6A88B8 by changing the saturation by 10% instead.



6A88B8



6A88B8

FFFFFF



506F9D



A0BDF0



355783



BCD9FF



183F69



D9F5FF



002A51



F6FFFF



00163A



000224



00000C



000000



6A88B8



6A88B8

■ 587DB8

■ 7C93B8

■ 4571B8

■ 8F9FB8

■ 3366B8

■ A1AAB8

■ 205BB8

■ B4B5B8

■ 0E4FB8

■ C6C1B8

■ 0047B8

■ D8CCB8

■ EBD7B8

■ FDE3B8

■ FFEEB8

Harmonies

Analogous

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



438FB3



6A88B8



8F7FB0

Triad

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



6A88B8



B6776C



5C9270

Complementary

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



6A88B8



B89A6A

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.



7A8E5D



6A88B8



AA7E5B

Square

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



6A88B8



B77484



948655



3E948A

Rectangle

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



6A88B8



A27AA4



948655



669169

Sweetspot

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



6A88B8



D1DDF0



6AB899



656C78



F7F7F7



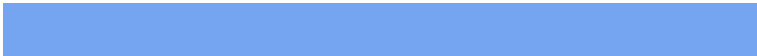
787878

Same Dimension

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



6A88B8



75A4F0



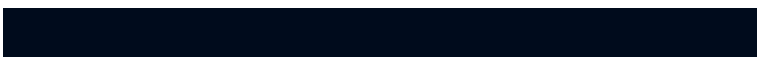
726AB8



53565C



003C9C



000B1C

Inverse Universe

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



B86A88



F075A4



B0B86A



5C5356



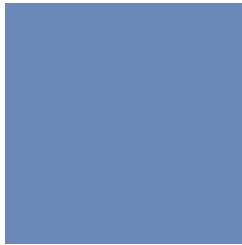
9C003C



1C000B

Previews

White Background



This preview shows how the Hex color 6A88B8 looks on a white background.

Color Contrast Check

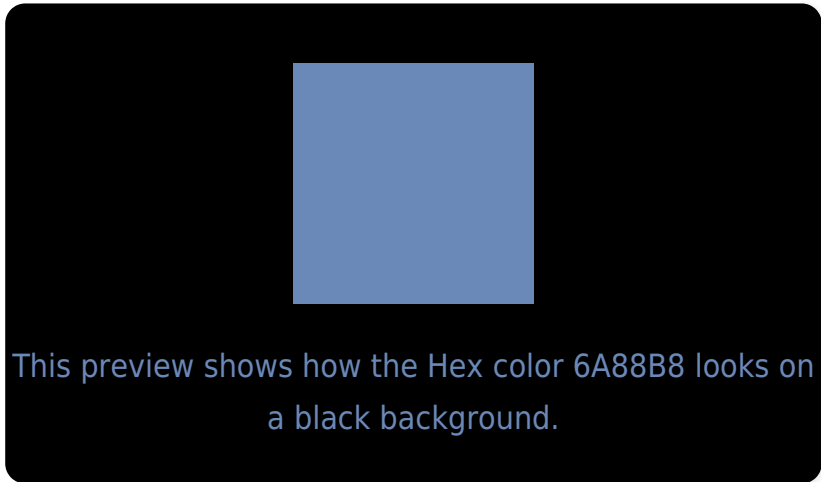
Large Text (above 18pt) WCAG AA ✓ Pass

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

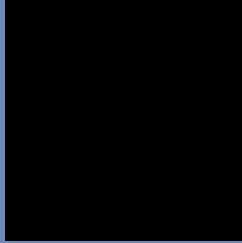
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

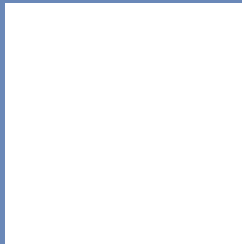
Any Text WCAG AAA × Fail

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

Hex 6A88B8 Background



This preview shows how black text looks on a background with the Hex color 6A88B8.



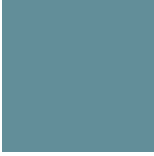
This preview shows how white text looks on a background with the Hex color 6A88B8.

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
628E99

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6A88B8 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 #6A88B8 looks like.

```
.text, #text, p{  
    color:#6A88B8  
}
```

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 #6A88B8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A88B8
}
```

Border

The CSS property to change the border of an element to Hex 6A88B8 is called "border". The border property can be set on classes, ids or directly on the HTML element.

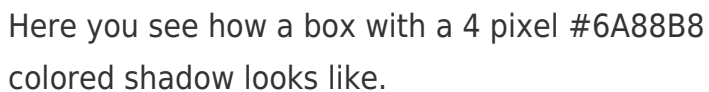
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6A88B8 }
```

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

```
.border{ border-color:#6A88B8 }
```

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



Here you see how a box with a 4 pixel #6A88B8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A88B8; -webkit-box-shadow:4px 4px  
4px 4px #6A88B8; box-shadow:4px 4px 4px  
4px #6A88B8 }
```

Background

The CSS property to change the background color of an element to Hex 6A88B8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A88B8 }
```

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

```
.background{ background-color:#6A88B8 }
```

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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