

Converting Colors

Hex(6681AA)

Have a look what the booklet for
Hex(6681AA) contains.

Hex(6681AA)	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(6681AA)

Conversions

Conversions Part 1

Format	Color
Hex	6681AA
RGB	102, 129, 170
RGB Percent	40%, 51%, 67%
CMY	0.6000, 0.4941, 0.3333
CMYK	0.40, 0.24, 0.00, 0.33
HSL	216°, 29%, 53%
HSV	216°, 40%, 67%
XYZ	20.5854, 21.4276, 41.0812
YIQ	125.6010, -29.2530, 7.0270

Conversions

Conversions Part 2

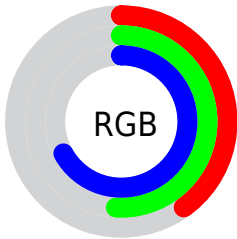
Format	Color
RYB	102, 121, 170
Decimal	6717866
CIELab	53.41, 1.07, -24.84
CIELCh	53, 24.862, 272.465
Yxy	21.4276, 0.2477, 0.2579
Android (android.graphics.Color)	4284907946 (0xFF6681AA)
YUV	125.6010, 21.8887, -20.6981
Hunter-Lab	46.2899, -1.6272, -20.2155

Details

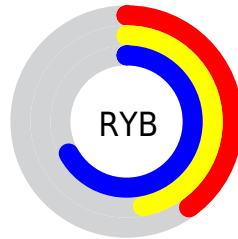
The Hex color **6681AA** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **AA8F66**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **9BB6E1**, and **325076** is the 20% darker color. If you saturate the color by 10%, you get **5577AA**, and if you desaturate by 10%, it is **778BAA**.

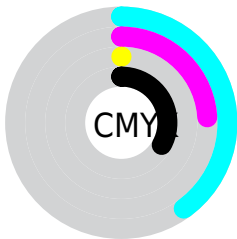
Distribution



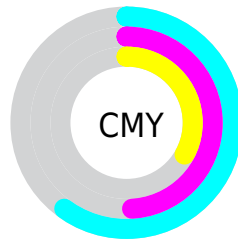
- Red (40%)
- Green (51%)
- Blue (67%)



- Red (40%)
- Yellow (47%)
- Blue (67%)



- Cyan (40%)
- Magenta (24%)
- Yellow (0%)
- Black (33%)



- Cyan (60%)
- Magenta (49%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6681AA 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 6681AA by changing the saturation by 10% instead.

■ 6681AA

■ 6681AA

FFFFFF

■ 4C688F

■ 9BB6E1

■ 325076

■ B7D1FE

■ 17395D

■ D3EEFF

■ 002445

■ F0FFFF

■ 000E2F

■ 000119

■ 000000

■ 6681AA

■ 6681AA

■ 5577AA

■ 778BAA

446DAA

8895AA

3362AA

99A0AA

2258AA

AAAAAA

114EAA

BBB4AA

0044AA

CCBEAA

DDC9AA

EED3AA

FFDDAA

Harmonies

Analogous

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



4887A5



6681AA



8579A4

Triad

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



6681AA



A9726A



5D8A6B

Complementary

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



6681AA



AA8F66

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.



76855B



6681AA



9F785A

Square

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



6681AA



A9707F



8D7F55



458B81

Rectangle

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



6681AA



96759A



8D7F55



658865

Sweetspot

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



6681AA



C3CEDE



66AA8F



606770



F0F0F0



707070

Same Dimension

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



6681AA



739EDE



6D66AA



4C4F54



003B94



000814

Inverse Universe

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



AA6681



DE739E



A3AA66



544C4F



94003B



140008

Previews

White Background



This preview shows how the Hex color 6681AA looks on a white background.

Color Contrast Check

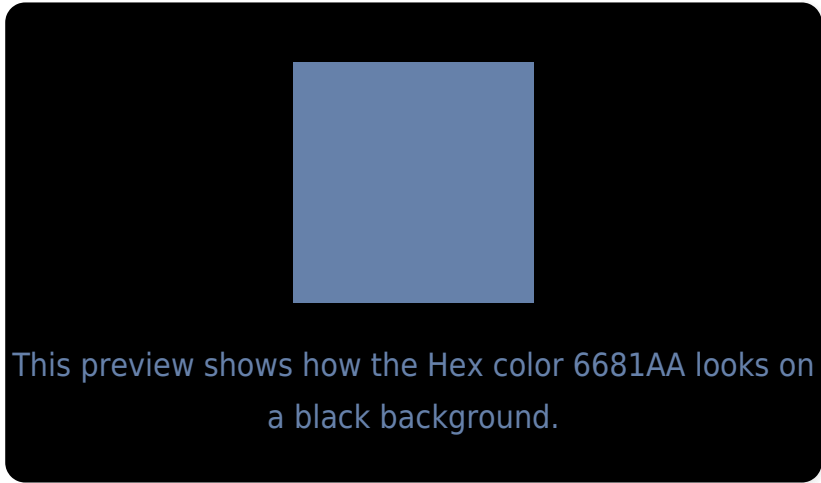
Large Text (above 18pt) WCAG AA ✓ Pass

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

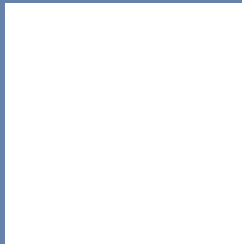
Any Text WCAG AAA × Fail

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

Hex 6681AA Background



This preview shows how black text looks on a background with the Hex color 6681AA.

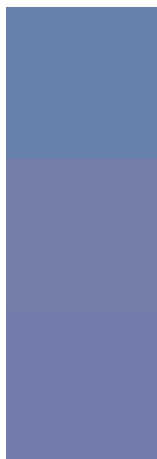


This preview shows how white text looks on a background with the Hex color 6681AA.

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



Original Color
6681AA

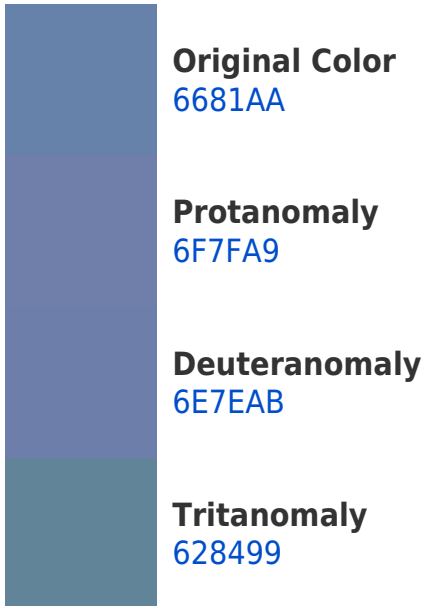
Protanopia
747EA8

Deuteranopia
737DAB



Tritanopia
5F8690

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6681AA 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 #6681AA looks like.

```
.text, #text, p{  
    color:#6681AA  
}
```

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 #6681AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6681AA
}
```

Border

The CSS property to change the border of an element to Hex 6681AA 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
#6681AA }
```

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

```
.border{ border-color:#6681AA }
```

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

Here you see how a box with a 4 pixel #6681AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6681AA; -webkit-box-shadow:4px 4px  
4px 4px #6681AA; box-shadow:4px 4px 4px  
4px #6681AA }
```

Background

The CSS property to change the background color of an element to Hex 6681AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6681AA }
```

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

```
.background{ background-color:#6681AA }
```

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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