

Converting Colors

Hex(669EAA)

Have a look what the booklet for
Hex(669EAA) contains.

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Color

Hex(669EAA)

Conversions

Conversions Part 1

Format	Color
Hex	669EAA
RGB	102, 158, 170
RGB Percent	40%, 62%, 67%
CMY	0.6000, 0.3804, 0.3333
CMYK	0.40, 0.07, 0.00, 0.33
HSL	191°, 29%, 53%
HSV	191°, 40%, 67%
XYZ	24.9620, 30.1808, 42.5400
YIQ	142.6240, -37.2280, -8.1400

Conversions

Conversions Part 2

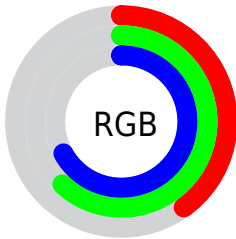
Format	Color
R _Y B	102, 133, 170
Decimal	6725290
CIE Lab	61.81, -15.19, -12.05
CIE LCh	62, 19.392, 218.434
Yxy	30.1808, 0.2555, 0.3090
Android (android.graphics.Color)	4284915370 (0xFF669EAA)
YUV	142.6240, 13.4964, -35.6272
Hunter-Lab	54.9370, -15.0338, -7.4548

Details

The Hex color **669EAA** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **AA7266**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **9CD5E1**, and **316B76** is the 20% darker color. If you saturate the color by 10%, you get **559BAA**, and if you desaturate by 10%, it is **77A1AA**.

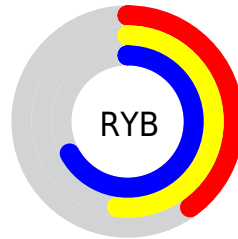
Distribution



Red (40%)

Green (62%)

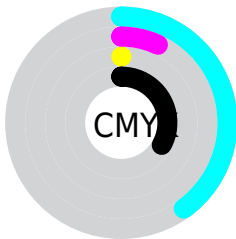
Blue (67%)



Red (40%)

Yellow (52%)

Blue (67%)

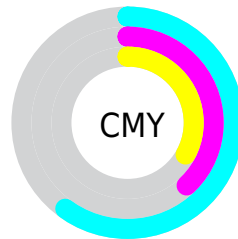


Cyan (40%)

Magenta (7%)

Yellow (0%)

Black (33%)



Cyan (60%)

Magenta (38%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 669EAA 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 669EAA by changing the saturation by 10% instead.

669EAA

669EAA

FFFFFF

4C8490

9CD5E1

316B76

B8F1FE

13525D

D4FFFF

003B46

F1FFFF

00252F

000D1B

000000

669EAA

669EAA

559BAA

77A1AA

4498AA

88A4AA

3395AA

99A7AA

2292AA

AAAAAA

118FAA

BBADAA

008CAA

CCB0AA

DDB3AA

EEB6AA

FFB9AA

Harmonies

Analogous

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



699F9A



669EAA



729AB5

Triad

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



669EAA



B08BA2



9D9673

Complementary

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



669EAA



AA7266

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.



AD9076



669EAA



B88991

Square

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



669EAA



9E8FB0



B78B81



8A9B7A

Rectangle

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



669EAA



8097B7



B78B81



A39473

Sweetspot

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



669EAA



C3D9DE



66AA71



606D70



F0F0F0



707070

Same Dimension

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



669EAA



73CBDE



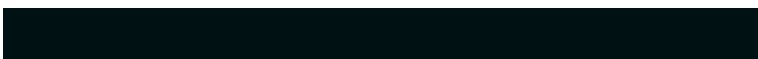
667DAA



4C5354



007A94



001114

Inverse Universe

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



AA669E



DE73CB



AA9366



544C53



94007A



140011

Previews

White Background



This preview shows how the Hex color 669EAA looks on a white background.

Color Contrast Check

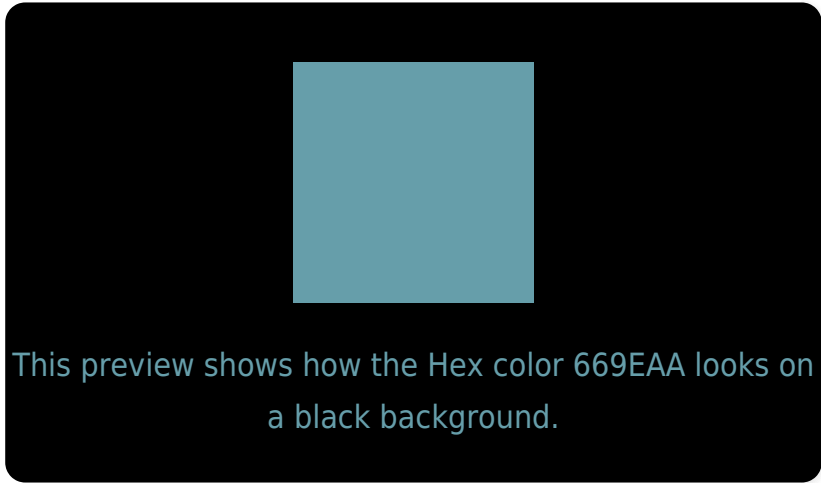
Large Text (above 18pt) WCAG AA × Fail

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

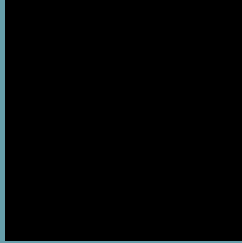
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Hex 669EAA Background



This preview shows how black text looks on a background with the Hex color 669EAA.

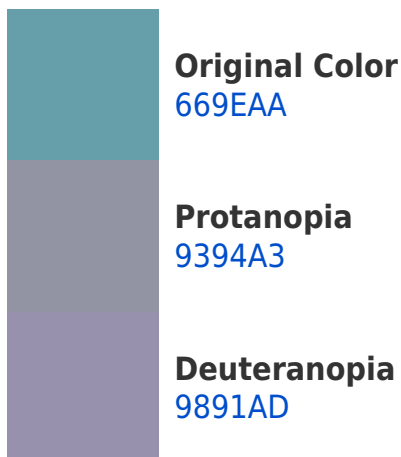


This preview shows how white text looks on a background with the Hex color 669EAA.

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](#).

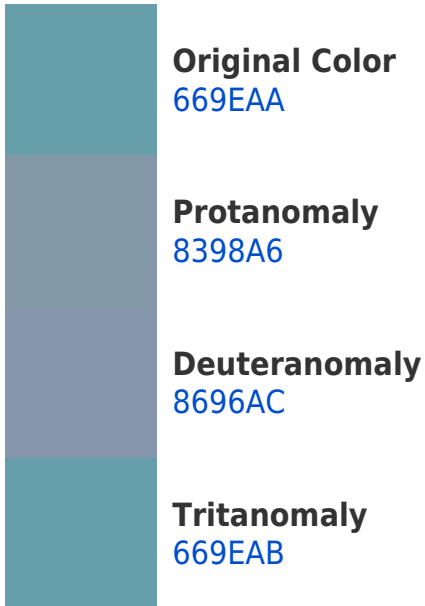
Dichromacy



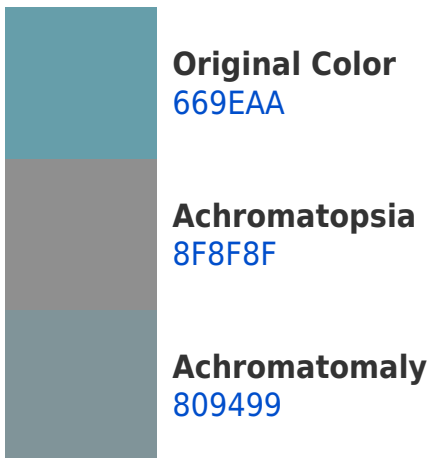


Tritanopia
669EAB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 669EAA 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 #669EAA looks like.

```
.text, #text, p{  
    color:#669EAA  
}
```

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 #669EAA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #669EAA
}
```

Border

The CSS property to change the border of an element to Hex 669EAA 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
#669EAA }
```

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

```
.border{ border-color:#669EAA }
```

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

Here you see how a box with a 4 pixel #669EAA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #669EAA; -webkit-box-shadow:4px 4px  
4px 4px #669EAA; box-shadow:4px 4px 4px  
4px #669EAA }
```

Background

The CSS property to change the background color of an element to Hex 669EAA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#669EAA }
```

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

```
.background{ background-color:#669EAA }
```

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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