

# Converting Colors

Hex(695AEE)

Have a look what the booklet for  
Hex(695AEE) contains.

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# Color

**Hex(695AEE)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | 695AEE                      |
| RGB         | 105, 90, 238                |
| RGB Percent | 41%, 35%, 93%               |
| CMY         | 0.5882, 0.6471, 0.0667      |
| CMYK        | 0.56, 0.62, 0.00, 0.07      |
| HSL         | 246°, 81%, 64%              |
| HSV         | 246°, 62%, 93%              |
| XYZ         | 24.9145, 16.4886, 82.7584   |
| YIQ         | 111.3570, -38.5680, 49.2080 |

# Conversions

## Conversions Part 2

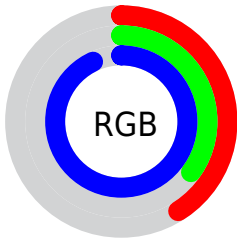
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | 105, 90, 238                  |
| Decimal                             | 6904558                       |
| CIE <sub>Lab</sub>                  | 47.61, 45.82, -72.85          |
| CIE <sub>LCh</sub>                  | 48, 86.060, 302.166           |
| Yxy                                 | 16.4886, 0.2007,<br>0.1328    |
| Android<br>(android.graphics.Color) | 4285094638<br>(0xFF695AEE)    |
| YUV                                 | 111.3570, 62.4350,<br>-5.5751 |
| Hunter-Lab                          | 40.6062, 38.4602,<br>-92.4130 |

# Details

The Hex color **695AEE** is a dark color, and the websafe version is hex **6666FF**. The color can be described as middle muted purple. A complement of this color would be **DFEE5A**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **A68DFF**, and **1E2BB5** is the 20% darker color. If you saturate the color by 10%, you get **5442EE**, and if you desaturate by 10%, it is **7E72EE**.

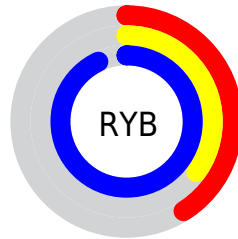
# Distribution



Red (41%)

Green (35%)

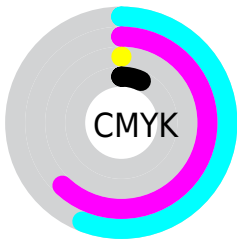
Blue (93%)



Red (41%)

Yellow (35%)

Blue (93%)

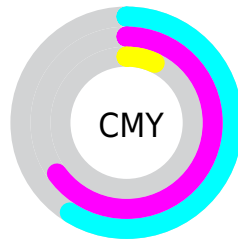


Cyan (56%)

Magenta (62%)

Yellow (0%)

Black (7%)



Cyan (59%)

Magenta (65%)

Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 695AEE 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 695AEE by changing the saturation by 10% instead.



 695AEE

 695AEE

FFFFFF

 4842D1

 A68DFF

 1E2BB5

 C4A8FF

 001499

 E3C3FF

 00017E

 FFDFFF

 000065

 FFFCFF

 00094B

 000434

 00021E

 000000

■ 695AEE

■ 695AEE

■ 5442EE

■ 7E72EE

■ 3E2AEE

■ 948AEE

■ 2913EE

■ A9A1EE

■ 1800EE

■ BFB9EE

■ D4D1EE

■ E9E9EE

■ FFFFEE

# Harmonies

## Analogous

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



007AFF



695AEE



C81CB6

# Triad

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



695AEE



BD5000



008D75

# Complementary

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



695AEE



DFEE5A

# 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.



008A24



695AEE



867000

# Square

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



695AEE



E20928



368200



008EBD

# Rectangle

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



695AEE



E30087



368200



008D5B



# Sweetspot

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



695AEE



D3CFFF



5ADFEF



656280



000000



808080



# Same Dimension

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



695AEE



5340FF



B35AEE



6D6C78



1300B8



060038



# Inverse Universe

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



EE5ADF



FF40EC



95EE5A



786C77



B800A5

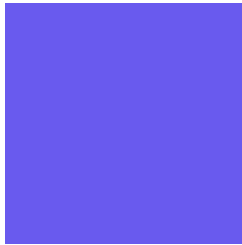


380032



# Previews

## White Background



This preview shows how the Hex color 695AEE looks on a white background.

## Color Contrast Check

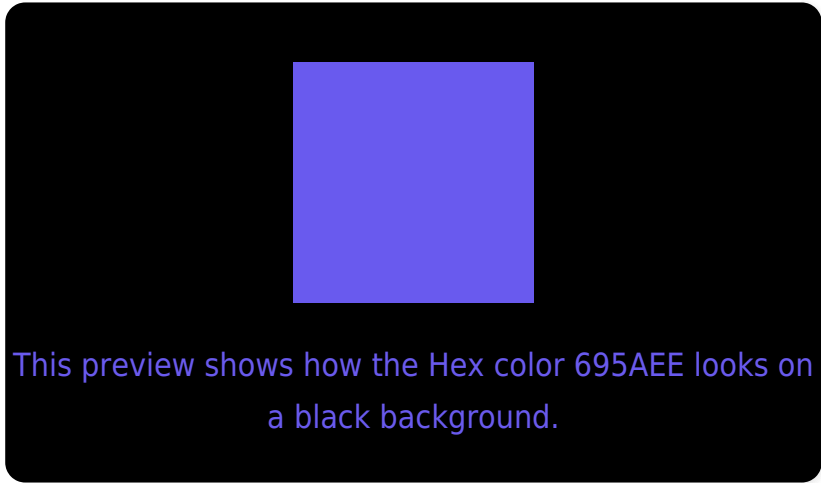
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

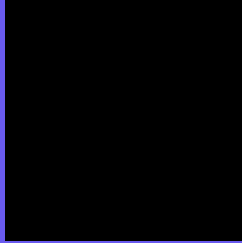
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 695AEE Background



This preview shows how black text looks on a background with the Hex color 695AEE.

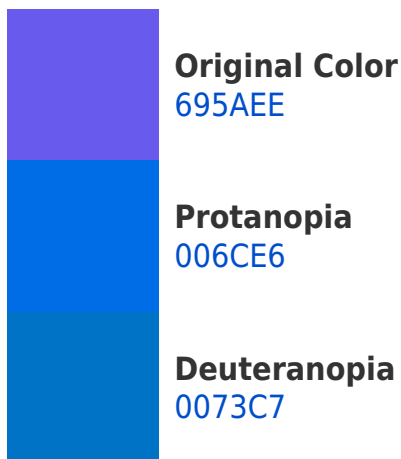


This preview shows how white text looks on a background with the Hex color 695AEE.

# Color Blindness Simulation

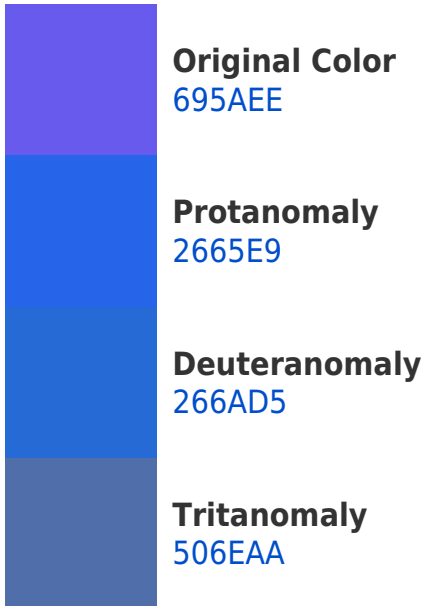
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

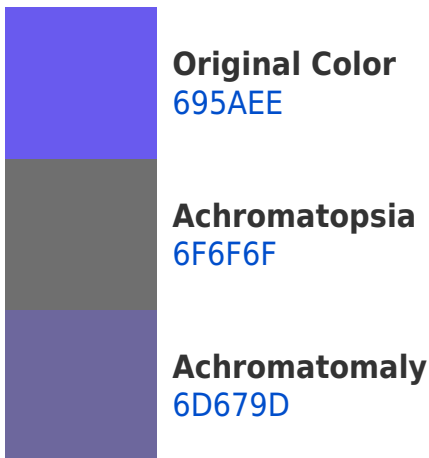




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 695AEE 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 #695AEE looks like.

```
.text, #text, p{  
    color:#695AEE  
}
```

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 #695AEE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #695AEE
}
```

## Border

The CSS property to change the border of an element to Hex 695AEE 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
#695AEE }
```

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

```
.border{ border-color:#695AEE }
```

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

Here you see how a box with a 4 pixel #695AEE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #695AEE; -webkit-box-shadow:4px 4px  
4px 4px #695AEE; box-shadow:4px 4px 4px  
4px #695AEE }
```

# Background

The CSS property to change the background color of an element to Hex 695AEE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#695AEE }
```

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

```
.background{ background-color:#695AEE }
```

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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