

Converting Colors

Hex(616AAE)

Have a look what the booklet for
Hex(616AAE) contains.

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Color

Hex(616AAE)

Conversions

Conversions Part 1

Format	Color
Hex	616AAE
RGB	97, 106, 174
RGB Percent	38%, 42%, 68%
CMY	0.6196, 0.5843, 0.3176
CMYK	0.44, 0.39, 0.00, 0.32
HSL	233°, 32%, 53%
HSV	233°, 44%, 68%
XYZ	17.7238, 15.9054, 42.1803
YIQ	111.0610, -27.1920, 19.2400

Conversions

Conversions Part 2

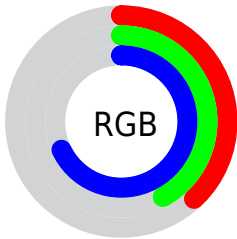
Format	Color
R_{YB}	97, 105, 174
Decimal	6384302
CIE _{Lab}	46.85, 14.75, -37.43
CIE _{LCh}	47, 40.235, 291.505
Yxy	15.9054, 0.2338, 0.2098
Android (android.graphics.Color)	4284574382 (0xFF616AAE)
YUV	111.0610, 31.0289, -12.3315
Hunter-Lab	39.8816, 9.5342, -34.7902

Details

The Hex color **616AAE** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **AEA561**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **979DE6**, and **2B3B79** is the 20% darker color. If you saturate the color by 10%, you get **505BAE**, and if you desaturate by 10%, it is **7279AE**.

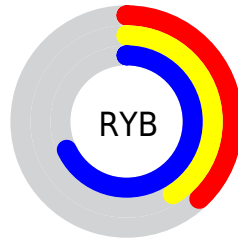
Distribution



Red (38%)

Green (42%)

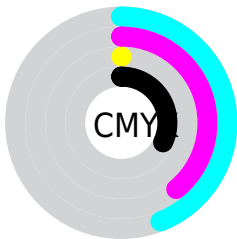
Blue (68%)



Red (38%)

Yellow (41%)

Blue (68%)

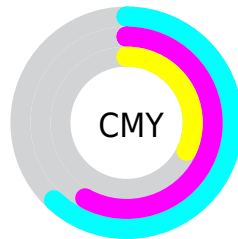


Cyan (44%)

Magenta (39%)

Yellow (0%)

Black (32%)



Cyan (62%)

Magenta (58%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color 616AAE 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 616AAE by changing the saturation by 10% instead.

■ 616AAE

■ 616AAE

FFFFFF

■ 465293

■ 979DE6

■ 2B3B79

■ B3B8FF

■ 092660

■ CFD4FF

■ 001248

■ ECF0FF

■ 000331

■ 00011B

■ 000000

■ 616AAE

■ 616AAE

■ 505BAE

■ 7279AE

■ 3E4BAE

■ 8489AE

■ 2D3CAE

■ 9598AE

■ 1B2DAE

■ A7A7AE

■ 0A1DAE

■ B8B7AE

■ 0014AE

■ C9C6AE

■ DBD6AE

■ ECE5AE

■ FEF4AE

Harmonies

Analogous

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



0076B2



616AAE



8F5C99

Triad

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



616AAE



A25D3B



007F64

Complementary

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



616AAE



AEA561

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.



427C43



616AAE



8B6A2A

Square

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



616AAE



AE5358



6A752D



008087

Rectangle

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



616AAE



A25585



6A752D



147E58

Sweetspot

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



616AAE



C5C9E3



61AEA4



606373



F2F2F2



737373

Same Dimension

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



616AAE



6B79E3



7D61AE



4E4F57



001296



000317

Inverse Universe

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



AE616A



E36B79



92AE61



574E4F



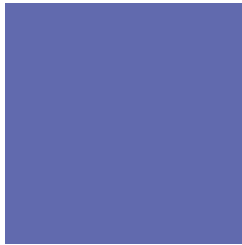
960012



170003

Previews

White Background



This preview shows how the Hex color 616AAE looks on a white background.

Color Contrast Check

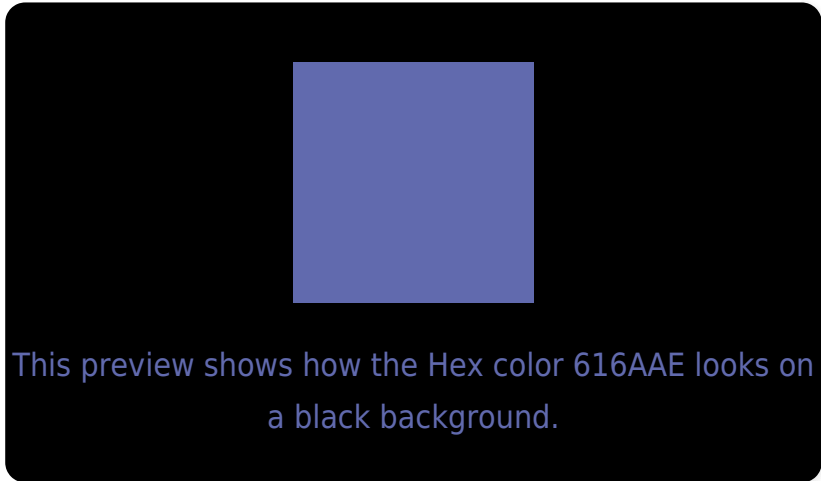
Large Text (above 18pt) WCAG AA ✓ Pass

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

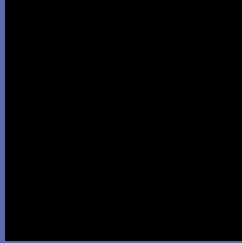
Any Text WCAG AA × Fail

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 616AAE Background



This preview shows how black text looks on a background with the Hex color 616AAE.

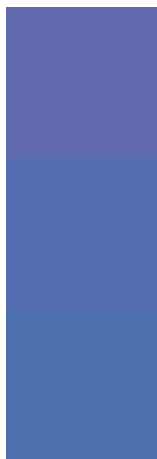


This preview shows how white text looks on a background with the Hex color 616AAE.

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
616AAE

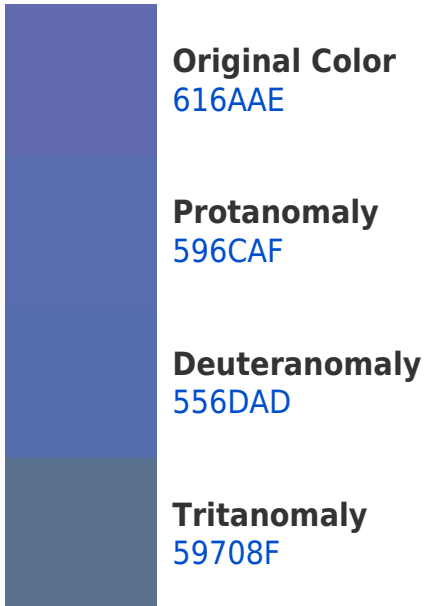
Protanopia
556DB0

Deuteranopia
4E6FAD

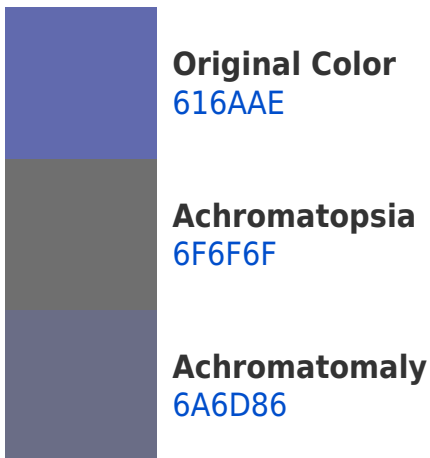


Tritanopia
54747E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 616AAE 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 #616AAE looks like.

```
.text, #text, p{  
    color:#616AAE  
}
```

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 #616AAE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #616AAE
}
```

Border

The CSS property to change the border of an element to Hex 616AAE 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".

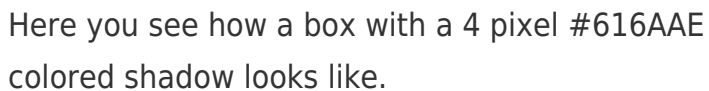
```
.border, #border, table{ border:4px solid
#616AAE }
```

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

```
.border{ border-color:#616AAE }
```

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

Here you see how a box with a 4 pixel #616AAE colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #616AAE; -webkit-box-shadow:4px 4px  
4px 4px #616AAE; box-shadow:4px 4px 4px  
4px #616AAE }
```

Background

The CSS property to change the background color of an element to Hex 616AAE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#616AAE }
```

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

```
.background{ background-color:#616AAE }
```

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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