

Converting Colors

Hex(617ADE)

Have a look what the booklet for
Hex(617ADE) contains.

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Color

Hex(617ADE)

Conversions

Conversions Part 1

Format	Color
Hex	617ADE
RGB	97, 122, 222
RGB Percent	38%, 48%, 87%
CMY	0.6196, 0.5216, 0.1294
CMYK	0.56, 0.45, 0.00, 0.13
HSL	228°, 65%, 63%
HSV	228°, 56%, 87%
XYZ	25.0741, 21.7344, 71.9808
YIQ	125.9250, -47.0000, 25.8000

Conversions

Conversions Part 2

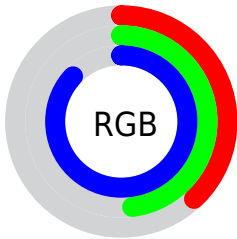
Format	Color
R_{YB}	97, 118, 222
Decimal	6388446
CIE _{Lab}	53.74, 20.05, -53.98
CIE _{LCh}	54, 57.584, 290.381
Yxy	21.7344, 0.2111, 0.1830
Android (android.graphics.Color)	4284578526 (0xFF617ADE)
YUV	125.9250, 47.3650, -25.3672
Hunter-Lab	46.6201, 14.4189, -58.9088

Details

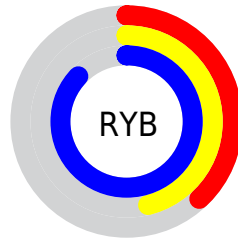
The Hex color **617ADE** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **DEC561**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **9CAEFF**, and **1B4AA6** is the 20% darker color. If you saturate the color by 10%, you get **4B68DE**, and if you desaturate by 10%, it is **778CDE**.

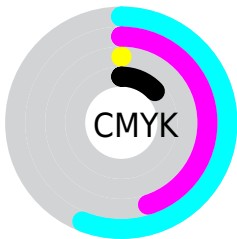
Distribution



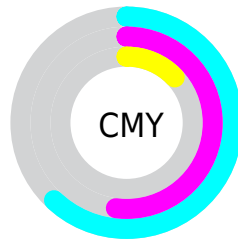
- Red (38%)
- Green (48%)
- Blue (87%)



- Red (38%)
- Yellow (46%)
- Blue (87%)



- Cyan (56%)
- Magenta (45%)
- Yellow (0%)
- Black (13%)



- Cyan (62%)
- Magenta (52%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 617ADE 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 617ADE by changing the saturation by 10% instead.

■ 617ADE

■ 617ADE

FFFFFF

■ 4261C2

■ 9CAEFF

■ 1B4AA6

■ B9C9FF

■ 00348B

■ D7E5FF

■ 002071

■ F5FFFF

■ 000A58

■ 000740

■ 000329

■ 000113

■ 000000

■ 617ADE

■ 617ADE

■ 4B68DE

■ 778CDE

■ 3556DE

■ 8D9EDE

■ 1E45DE

■ A4AFDE

■ 0833DE

■ BAC1DE

■ 002CDE

■ D0D3DE

■ E6E5DE

■ FCF6DE

■ FFFFDE

Harmonies

Analogous

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



008BE2



617ADE



AC64C0

Triad

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



617ADE



C96434



00976E

Complementary

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



617ADE



DEC561

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.



39923D



617ADE



A77810

Square

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



617ADE



D95261



798814



0098A2

Rectangle

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



617ADE



C956A3



798814



00965D

Sweetspot

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



617ADE



D4DCFF



61DEC5



666B80



000000



808080

Same Dimension

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



617ADE



5274FF



8661DE



656770



0023B0



000A30

Inverse Universe

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



DE617A



FF5274



B9DE61



706567



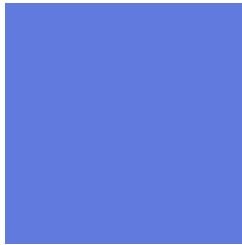
B00023



30000A

Previews

White Background



This preview shows how the Hex color 617ADE looks on a white background.

Color Contrast Check

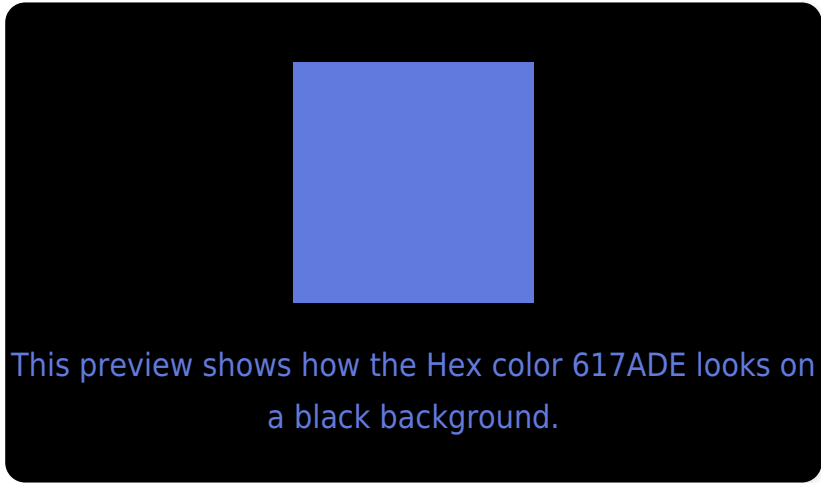
Large Text (above 18pt) WCAG AA ✓ Pass

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

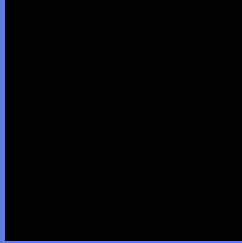
Any Text WCAG AA ✓ Pass

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 617ADE Background



This preview shows how black text looks on a background with the Hex color 617ADE.

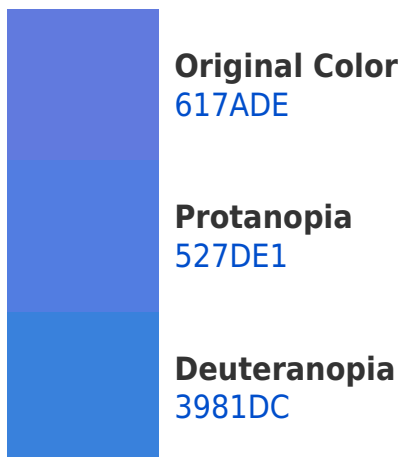



This preview shows how white text looks on a background with the Hex color 617ADE.

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](#).

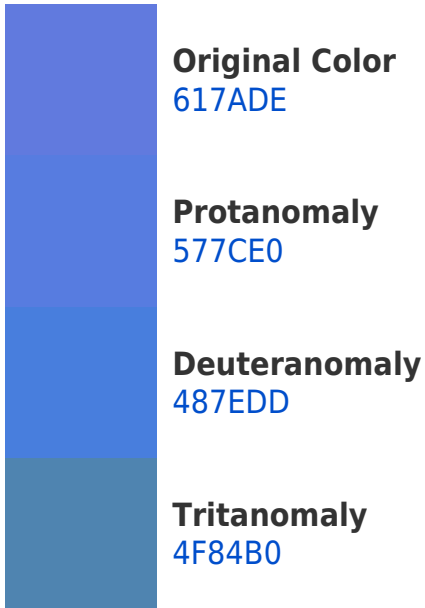
Dichromacy



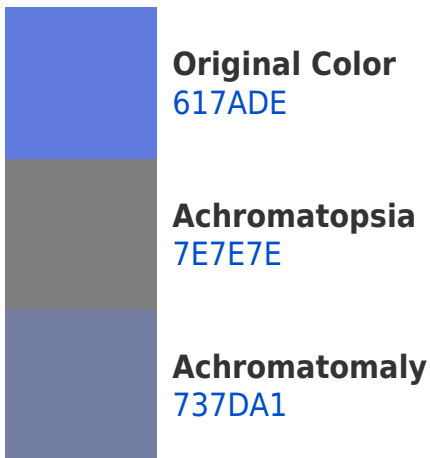


Tritanopia
458A96

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 617ADE 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 #617ADE looks like.

```
.text, #text, p{  
    color:#617ADE  
}
```

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 #617ADE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #617ADE
}
```

Border

The CSS property to change the border of an element to Hex 617ADE 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
#617ADE }
```

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

```
.border{ border-color:#617ADE }
```

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

Here you see how a box with a 4 pixel #617ADE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #617ADE; -webkit-box-shadow:4px 4px  
4px 4px #617ADE; box-shadow:4px 4px 4px  
4px #617ADE }
```

Background

The CSS property to change the background color of an element to Hex 617ADE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#617ADE }
```

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

```
.background{ background-color:#617ADE }
```

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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