

Converting Colors

Hex(617EA5)

Have a look what the booklet for
Hex(617EA5) contains.

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Color

Hex(617EA5)

Conversions

Conversions Part 1

Format	Color
Hex	617EA5
RGB	97, 126, 165
RGB Percent	38%, 49%, 65%
CMY	0.6196, 0.5059, 0.3529
CMYK	0.41, 0.24, 0.00, 0.35
HSL	214°, 27%, 51%
HSV	214°, 41%, 65%
XYZ	19.1822, 20.1797, 38.4814
YIQ	121.7750, -29.8030, 5.9810

Conversions

Conversions Part 2

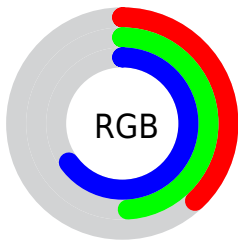
Format	Color
R _{YB}	97, 117, 165
Decimal	6389413
CIE Lab	52.04, 0.01, -24.09
CIE LCh	52, 24.094, 270.024
Yxy	20.1797, 0.2464, 0.2592
Android (android.graphics.Color)	4284579493 (0xFF617EA5)
YUV	121.7750, 21.3099, -21.7277
Hunter-Lab	44.9218, -2.3916, -19.3443

Details

The Hex color **617EA5** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **A58861**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **96B3DC**, and **2D4D71** is the 20% darker color. If you saturate the color by 10%, you get **5075A5**, and if you desaturate by 10%, it is **7187A5**.

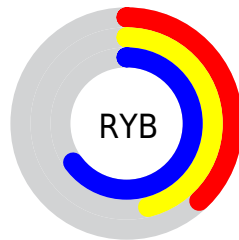
Distribution



Red (38%)

Green (49%)

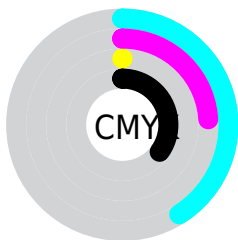
Blue (65%)



Red (38%)

Yellow (46%)

Blue (65%)

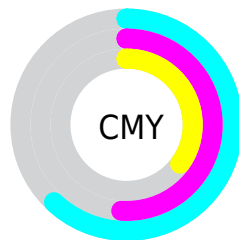


Cyan (41%)

Magenta (24%)

Yellow (0%)

Black (35%)



Cyan (62%)

Magenta (51%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 617EA5 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 617EA5 by changing the saturation by 10% instead.



617EA5



617EA5

FFFFFF



47658B



96B3DC



2D4D71



B2CEF9



113758



CEEAFF



002241



EAEFFF



000A2B



000115



000000



617EA5



617EA5



5075A5



7187A5

■ 406BA5

■ 8291A5

■ 2F62A5

■ 929AA5

■ 1F58A5

■ A3A4A5

■ 0E4FA5

■ B3ADA5

■ 0046A5

■ C4B7A5

■ D4C0A5

■ E5CAA5

■ F5D3A5

Harmonies

Analogous

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



45849F



617EA5



7F77A0

Triad

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



617EA5



A56E68



5D8567

Complementary

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



617EA5



A58861

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.



758158



617EA5



9C7459

Square

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



617EA5



A36D7D



8B7B53



46877B

Rectangle

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



617EA5



907297



8B7B53



658461

Sweetspot

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



617EA5



BCC7D6



61A588



5C636B



EBEBEB



6B6B6B

Same Dimension

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



617EA5



6D9AD6



6661A5



494D52



003E91



000812

Inverse Universe

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



A5617E



D66D9A



A0A561



52494D



91003E



120008

Previews

White Background



This preview shows how the Hex color 617EA5 looks on a white background.

Color Contrast Check

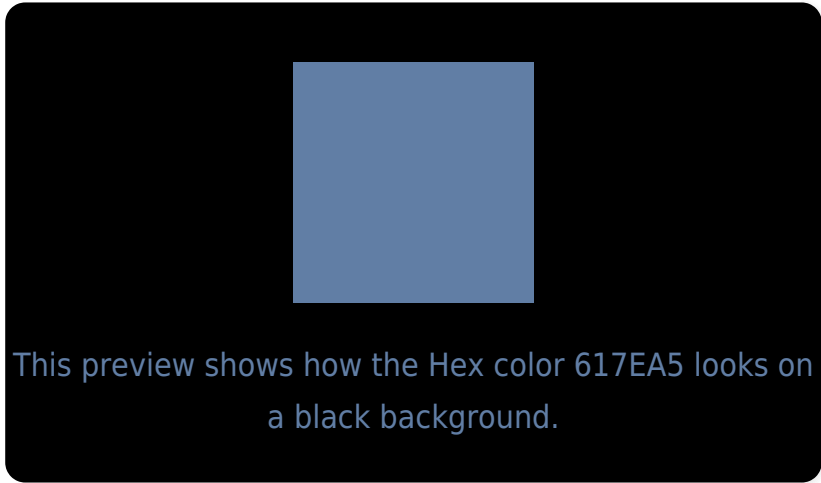
Large Text (above 18pt) WCAG AA ✓ Pass

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

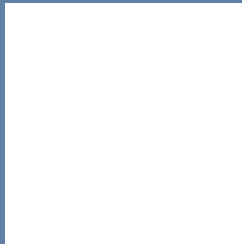
Any Text WCAG AAA × Fail

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

Hex 617EA5 Background



This preview shows how black text looks on a background with the Hex color 617EA5.

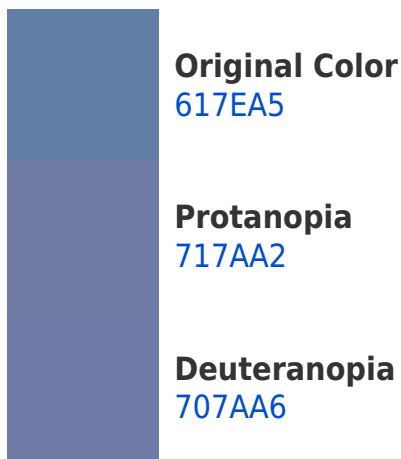



This preview shows how white text looks on a background with the Hex color 617EA5.

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](#).

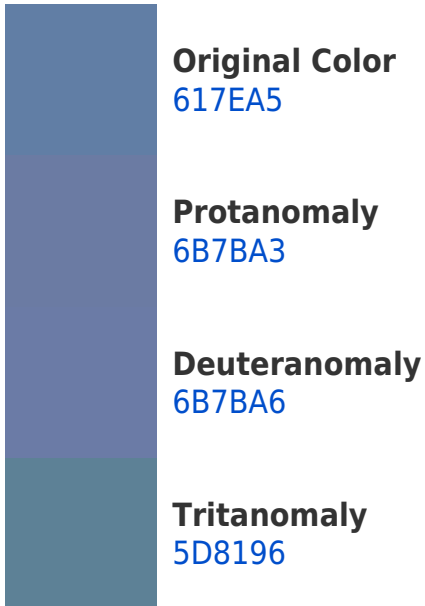
Dichromacy



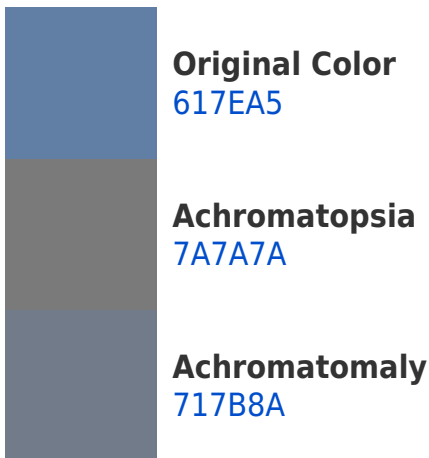


Tritanopia
5B828D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 617EA5 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 #617EA5 looks like.

```
.text, #text, p{  
    color:#617EA5  
}
```

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 #617EA5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #617EA5
}
```

Border

The CSS property to change the border of an element to Hex 617EA5 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
#617EA5 }
```

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

```
.border{ border-color:#617EA5 }
```

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

Here you see how a box with a 4 pixel #617EA5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #617EA5; -webkit-box-shadow:4px 4px  
4px 4px #617EA5; box-shadow:4px 4px 4px  
4px #617EA5 }
```

Background

The CSS property to change the background color of an element to Hex 617EA5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#617EA5 }
```

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

```
.background{ background-color:#617EA5 }
```

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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