

Converting Colors

Hex(6157A6)

Have a look what the booklet for
Hex(6157A6) contains.

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Color

Hex(6157A6)

Conversions

Conversions Part 1

Format	Color
Hex	6157A6
RGB	97, 87, 166
RGB Percent	38%, 34%, 65%
CMY	0.6196, 0.6588, 0.3490
CMYK	0.42, 0.48, 0.00, 0.35
HSL	248°, 31%, 50%
HSV	248°, 48%, 65%
XYZ	15.2209, 12.1110, 37.6118
YIQ	98.9960, -19.3990, 26.6890

Conversions

Conversions Part 2

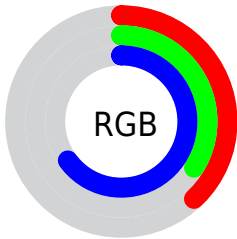
Format	Color
R _Y B	97, 87, 166
Decimal	6379430
CIE Lab	41.39, 24.14, -41.38
CIE LCh	41, 47.907, 300.261
Yxy	12.1110, 0.2344, 0.1865
Android (android.graphics.Color)	4284569510 (0xFF6157A6)
YUV	98.9960, 33.0330, -1.7505
Hunter-Lab	34.8008, 17.1695, -39.7186

Details

The Hex color **6157A6** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **9CA657**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **9789DE**, and **2C2971** is the 20% darker color. If you saturate the color by 10%, you get **5346A6**, and if you desaturate by 10%, it is **6F68A6**.

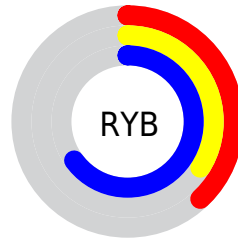
Distribution



Red (38%)

Green (34%)

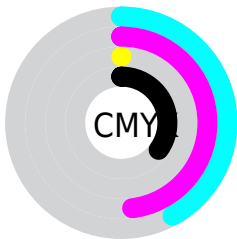
Blue (65%)



Red (38%)

Yellow (34%)

Blue (65%)

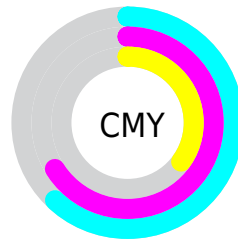


Cyan (42%)

Magenta (48%)

Yellow (0%)

Black (35%)



Cyan (62%)

Magenta (66%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6157A6 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 6157A6 by changing the saturation by 10% instead.

6157A6

6157A6

FFFFFF

47408B

9789DE

2C2971

B3A3FA

0B1558

CFBEFF

000041

ECDAFF

00032A

FFF7FF

000114

000000

6157A6

6157A6

5346A6

6F68A6

4436A6

7E78A6

3625A6

8C89A6

2715A6

9B99A6

1904A6

A9AAA6

1500A6

B8BBA6

C6CBA6

D5DCA6

E3ECA6

Harmonies

Analogous

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



0066B1



6157A6



914589

Triad

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



6157A6



93511B



007461

Complementary

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



6157A6



9CA657

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.



007138



6157A6



756003

Square

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



6157A6



A5413C



4D6B15



007488

Rectangle

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



6157A6



A23C70



4D6B15



007353

Sweetspot

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



6157A6



BEBAD9



579DA6



5D5B6E



EDEDED



6E6E6E

Same Dimension

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



6157A6



6D5DD9



8857A6



4D4C54



130094



030014

Inverse Universe

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



A6579C



D95DC9



75A657



544C53



940081



140012

Previews

White Background



This preview shows how the Hex color 6157A6 looks on a white background.

Color Contrast Check

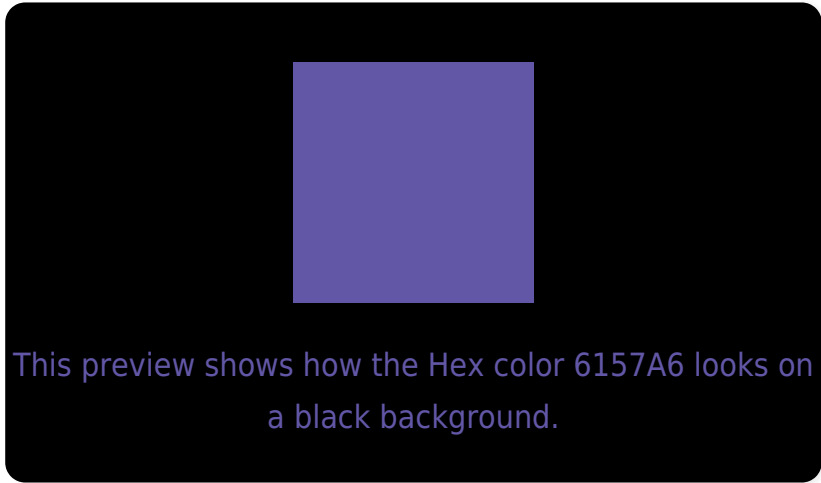
Large Text (above 18pt) WCAG AA ✓ Pass

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

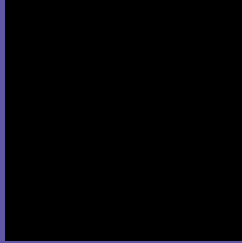
Any Text WCAG AA × Fail

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 6157A6 Background



This preview shows how black text looks on a background with the Hex color 6157A6.

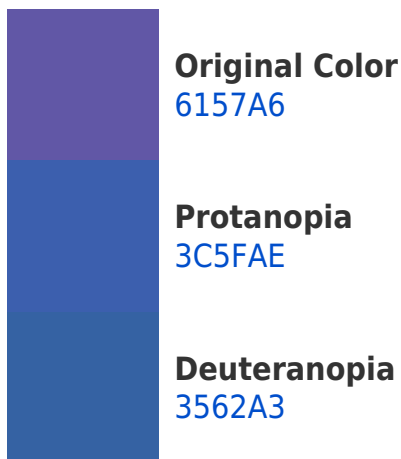


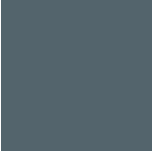
This preview shows how white text looks on a background with the Hex color 6157A6.

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](#).

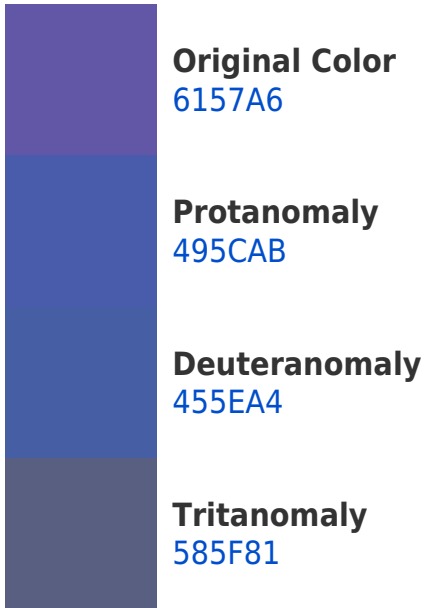
Dichromacy



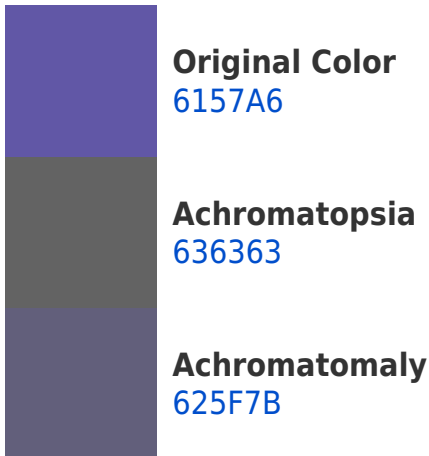


Tritanopia
53646C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6157A6 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 #6157A6 looks like.

```
.text, #text, p{  
    color:#6157A6  
}
```

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 #6157A6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6157A6
}
```

Border

The CSS property to change the border of an element to Hex 6157A6 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
#6157A6 }
```

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

```
.border{ border-color:#6157A6 }
```

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

Here you see how a box with a 4 pixel #6157A6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6157A6; -webkit-box-shadow:4px 4px  
4px 4px #6157A6; box-shadow:4px 4px 4px  
4px #6157A6 }
```

Background

The CSS property to change the background color of an element to Hex 6157A6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6157A6 }
```

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

```
.background{ background-color:#6157A6 }
```

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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