

# Converting Colors

Hex(6127A0)

Have a look what the booklet for  
Hex(6127A0) contains.

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# Color

**Hex(6127A0)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6127A0
RGB	97, 39, 160
RGB Percent	38%, 15%, 63%
CMY	0.6196, 0.8471, 0.3725
CMYK	0.39, 0.76, 0.00, 0.37
HSL	269°, 61%, 39%
HSV	269°, 76%, 63%
XYZ	12.0004, 6.5305, 33.8857
YIQ	70.1360, -4.2730, 49.9270

# Conversions

## Conversions Part 2

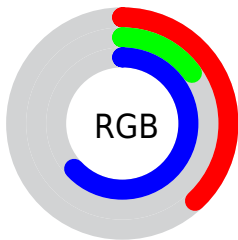
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	97, 39, 160
Decimal	6367136
CIE <sub>Lab</sub>	30.71, 49.49, -54.99
CIE <sub>LCh</sub>	31, 73.981, 311.982
Yxy	6.5305, 0.2289, 0.1246
Android (android.graphics.Color)	4284557216 (0xFF6127A0)
YUV	70.1360, 44.3030, 23.5597
Hunter-Lab	25.5548, 39.1020, -60.7302

# Details

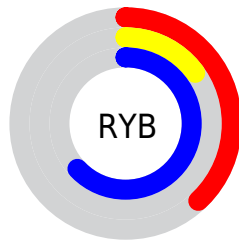
The Hex color **6127A0** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **66A027**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **995AD8**, and **28006B** is the 20% darker color. If you saturate the color by 10%, you get **5917A0**, and if you desaturate by 10%, it is **6937A0**.

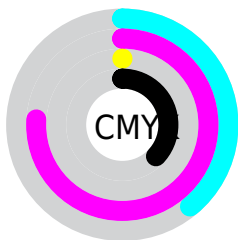
# Distribution



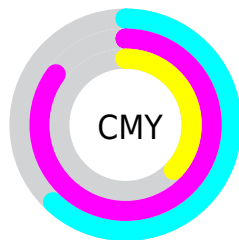
- Red (38%)
- Green (15%)
- Blue (63%)



- Red (38%)
- Yellow (15%)
- Blue (63%)



- Cyan (39%)
- Magenta (76%)
- Yellow (0%)
- Black (37%)



- Cyan (62%)
- Magenta (85%)
- Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6127A0 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 6127A0 by changing the saturation by 10% instead.



6127A0

6127A0

FFFFFF

450985

995AD8

28006B

B574F5

0A0052

D28FFF

00003A

F0AAFF

000224

FFC6FF

00000B

FFE2FF

000000

6127A0

6127A0

5917A0

6937A0

■ 5007A0

■ 7247A0

■ 4D00A0

■ 7A57A0

■ 8267A0

■ 8B77A0

■ 9387A0

■ 9B97A0

■ A4A7A0

■ ACB7A0

# Harmonies

## Analogous

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



004ABC



6127A0



99006D

# Triad

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



6127A0



753800



005E5F

# Complementary

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



6127A0



66A027

# 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.



005C21



6127A0



444D00

# Square

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



6127A0



980000



005800



005E96

# Rectangle

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



6127A0



A60047



005800



005D4B



# Sweetspot

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



6127A0



B8A1D1



2768A0



594B69



E8E8E8



696969



# Same Dimension

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



6127A0



6E13D1



9C27A0



4B474F



44008F



07000F



# Inverse Universe

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



A02766



D11376



2BA027



4F474B



8F004A

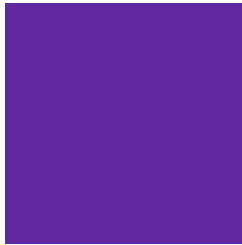


0F0008



# Previews

## White Background



This preview shows how the Hex color 6127A0 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 ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

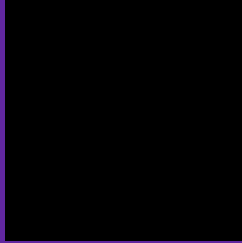
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6127A0 Background



This preview shows how black text looks on a background with the Hex color 6127A0.



This preview shows how white text looks on a background with the Hex color 6127A0.

# 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**  
6127A0

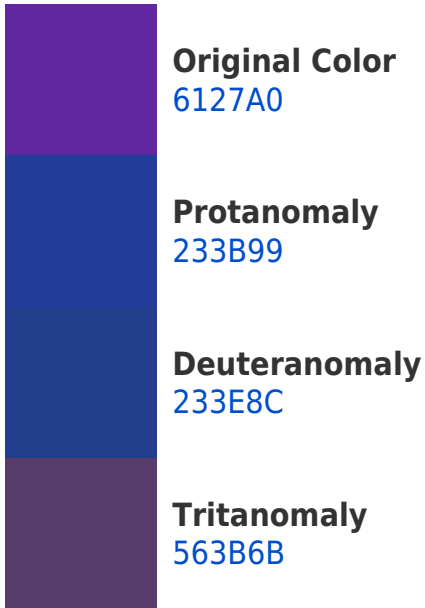
**Protanopia**  
004695

**Deuteranopia**  
004B81

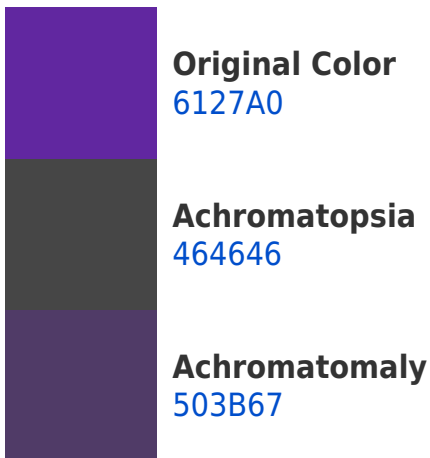


**Tritanopia**  
4F464C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6127A0 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 #6127A0 looks like.

```
.text, #text, p{  
    color:#6127A0  
}
```

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 #6127A0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6127A0
}
```

## Border

The CSS property to change the border of an element to Hex 6127A0 is called "border". The border property can be set on classes, ids or directly on the HTML element.

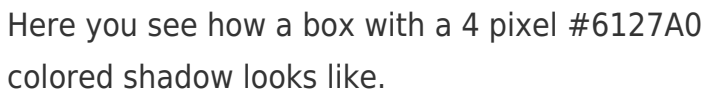
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6127A0 }
```

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

```
.border{ border-color:#6127A0 }
```

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



Here you see how a box with a 4 pixel #6127A0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6127A0; -webkit-box-shadow:4px 4px  
4px 4px #6127A0; box-shadow:4px 4px 4px  
4px #6127A0 }
```

# Background

The CSS property to change the background color of an element to Hex 6127A0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6127A0 }
```

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

```
.background{ background-color:#6127A0 }
```

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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