

# Converting Colors

Hex(6126A8)

Have a look what the booklet for  
Hex(6126A8) contains.

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**Color**

**Hex(6126A8)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6126A8
RGB	97, 38, 168
RGB Percent	38%, 15%, 66%
CMY	0.6196, 0.8510, 0.3412
CMYK	0.42, 0.77, 0.00, 0.34
HSL	267°, 63%, 40%
HSV	267°, 77%, 66%
XYZ	12.6908, 6.7548, 37.6807
YIQ	70.4610, -6.5660, 52.9380

# Conversions

## Conversions Part 2

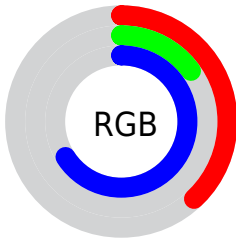
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	97, 38, 168
Decimal	6366888
CIE <sub>Lab</sub>	31.24, 51.93, -58.96
CIE <sub>LCh</sub>	31, 78.570, 311.369
Yxy	6.7548, 0.2222, 0.1182
Android (android.graphics.Color)	4284556968 (0xFF6126A8)
YUV	70.4610, 48.0867, 23.2747
Hunter-Lab	25.9899, 41.6783, -67.7668

# Details

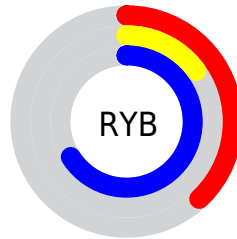
The Hex color **6126A8** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **6DA826**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **9A5AE0**, and **260073** is the 20% darker color. If you saturate the color by 10%, you get **5815A8**, and if you desaturate by 10%, it is **6A37A8**.

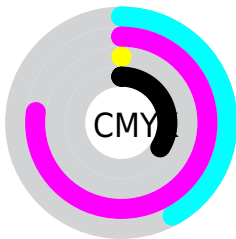
# Distribution



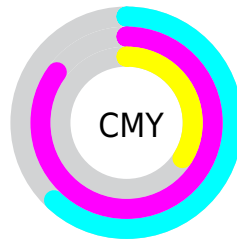
- Red (38%)
- Green (15%)
- Blue (66%)



- Red (38%)
- Yellow (15%)
- Blue (66%)



- Cyan (42%)
- Magenta (77%)
- Yellow (0%)
- Black (34%)



- Cyan (62%)
- Magenta (85%)
- Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6126A8 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 6126A8 by changing the saturation by 10% instead.



6126A8

6126A8

FFFFFF

44078D

9A5AE0

260073

B674FD

000059

D38EFF

000041

F1AAFF

00032A

FFC6FF

000114

FFE2FF

000000

6126A8

6126A8

5815A8

6A37A8

 4F04A8

 7348A8

 4C00A8

 7D58A8

 8669A8

 8F7AA8

 988BA8

 A19CA8

 AAACA8

 B4BDA8

# Harmonies

## Analogous

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



004CC6



6126A8



9E0072

# Triad

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



6126A8



793700



006060

# Complementary

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



6126A8



6DA826

# 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.



005E1E



6126A8



454F00

# Square

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



6126A8



9E0000



005900



00609B

# Rectangle

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



6126A8



AD004A



005900



005F4B



# Sweetspot

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



6126A8



C0A9DB



266EA8



5D4F6E



EDEDED



6E6E6E



# Same Dimension

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



6126A8



6C0FDB



A126A8



504C54



430094



090014



# Inverse Universe

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



A8266D



DB0F7F



2CA826



544C50



940051

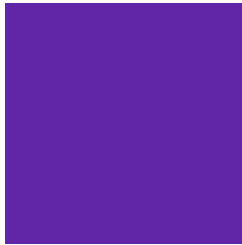


14000B



# Previews

## White Background



This preview shows how the Hex color 6126A8 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

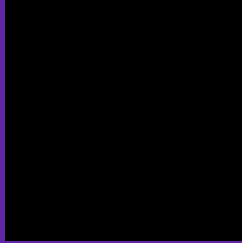
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6126A8 Background



This preview shows how black text looks on a background with the Hex color 6126A8.

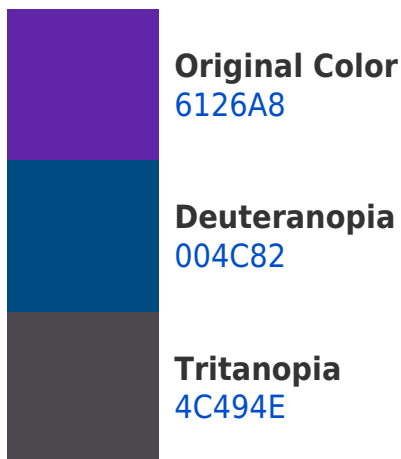


This preview shows how white text looks on a background with the Hex color 6126A8.

# 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



# Trichromacy



**Original Color**  
6126A8

**Deuteranomaly**  
233E90

**Tritanomaly**  
543C6F

# Monochromacy



**Original Color**  
6126A8

**Achromatopsia**  
464646

**Achromatomaly**  
503A6A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6126A8 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 #6126A8 looks like.

```
.text, #text, p{  
    color:#6126A8  
}
```

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 #6126A8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6126A8
}
```

## Border

The CSS property to change the border of an element to Hex 6126A8 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
#6126A8 }
```

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

```
.border{ border-color:#6126A8 }
```

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

Here you see how a box with a 4 pixel #6126A8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6126A8; -webkit-box-shadow:4px 4px  
4px 4px #6126A8; box-shadow:4px 4px 4px  
4px #6126A8 }
```

# Background

The CSS property to change the background color of an element to Hex 6126A8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6126A8 }
```

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

```
.background{ background-color:#6126A8 }
```

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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