

# Converting Colors

Hex(6144B7)

Have a look what the booklet for  
Hex(6144B7) contains.

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# Color

**Hex(6144B7)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6144B7
RGB	97, 68, 183
RGB Percent	38%, 27%, 72%
CMY	0.6196, 0.7333, 0.2824
CMYK	0.47, 0.63, 0.00, 0.28
HSL	255°, 46%, 49%
HSV	255°, 63%, 72%
XYZ	15.5441, 10.0945, 45.9289
YIQ	89.7810, -19.6310, 41.9130

# Conversions

## Conversions Part 2

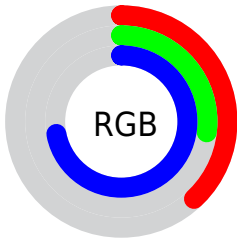
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	97, 68, 183
Decimal	6374583
CIE <sub>Lab</sub>	38.01, 40.62, -56.87
CIE <sub>LCh</sub>	38, 69.888, 305.538
Yxy	10.0945, 0.2172, 0.1410
Android (android.graphics.Color)	4284564663 (0xFF6144B7)
YUV	89.7810, 45.9570, 6.3311
Hunter-Lab	31.7719, 31.7288, -63.4683

# Details

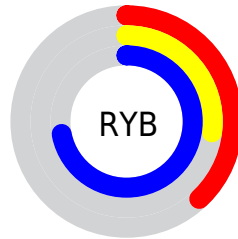
The Hex color **6144B7** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **9AB744**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **9A76F0**, and **251581** is the 20% darker color. If you saturate the color by 10%, you get **5332B7**, and if you desaturate by 10%, it is **6F56B7**.

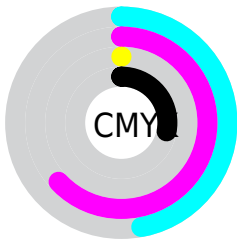
# Distribution



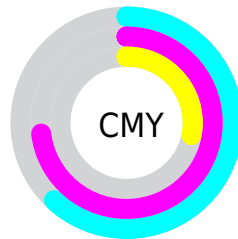
- Red (38%)
- Green (27%)
- Blue (72%)



- Red (38%)
- Yellow (27%)
- Blue (72%)



- Cyan (47%)
- Magenta (63%)
- Yellow (0%)
- Black (28%)



- Cyan (62%)
- Magenta (73%)
- Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6144B7 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 6144B7 by changing the saturation by 10% instead.



6144B7

6144B7

FFFFFF

442C9C

9A76F0

251581

B690FF

000067

D3ABFF

00004E

F1C6FF

000536

FFE2FF

000220

000004

000000

6144B7

6144B7

■ 5332B7

■ 6F56B7

■ 461FB7

■ 7C69B7

■ 380DB7

■ 8A7BB7

■ 2E00B7

■ 988DB7

■ A5A0B7

■ B3B2B7

■ C1C4B7

■ CED6B7

■ DCE9B7

# Harmonies

## Analogous

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



005ECC



6144B7



A21589

# Triad

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



6144B7



924400



007063

# Complementary

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



6144B7



9AB744

# 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.



006E26



6144B7



655B00

# Square

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



6144B7



B01B1A



236800



00709B

# Rectangle

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



6144B7



B50065



236800



00704F



# Sweetspot

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



6144B7



CBC0ED



449AB7



635C78



F7F7F7



787878



# Same Dimension

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



6144B7



683BED



9A44B7



55535C



27009C



07001C



# Inverse Universe

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



B7449A



ED3BC0



61B744



5C5359



9C0074

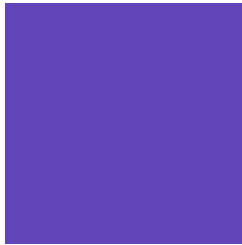


1C0015



# Previews

## White Background



This preview shows how the Hex color 6144B7 looks on a white background.

## Color Contrast Check

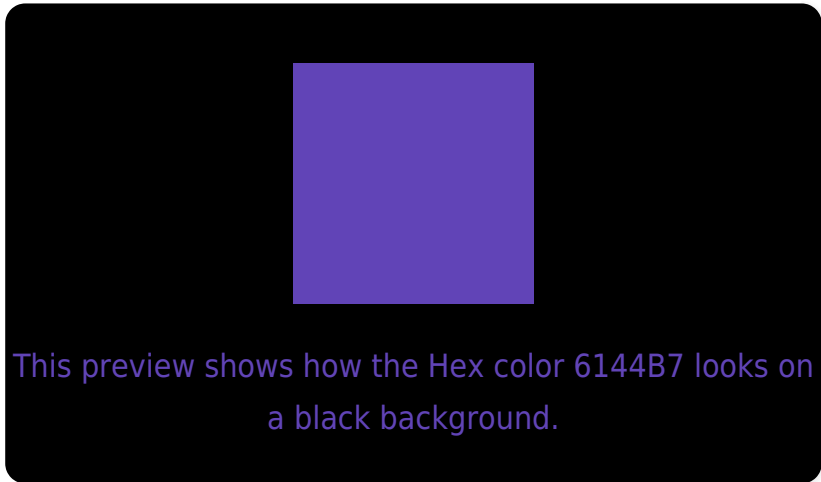
Large Text (above 18pt) WCAG AA ✓ Pass

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

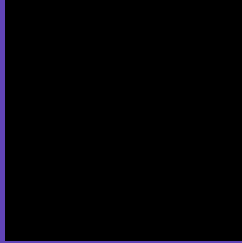
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6144B7 Background



This preview shows how black text looks on a background with the Hex color 6144B7.

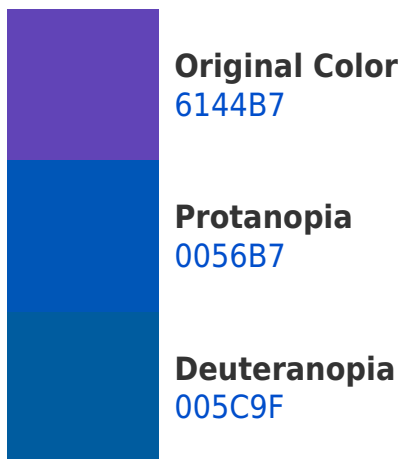


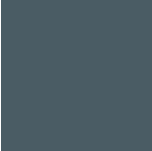
This preview shows how white text looks on a background with the Hex color 6144B7.

# 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**  
4A5C64

# Trichromacy



**Original Color**  
6144B7



**Protanomaly**  
234FB7



**Deuteranomaly**  
2353A8



**Tritanomaly**  
525382

# Monochromacy



**Original Color**  
6144B7



**Achromatopsia**  
5A5A5A



**Achromatomaly**  
5D527C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6144B7 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 #6144B7 looks like.

```
.text, #text, p{  
    color:#6144B7  
}
```

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 #6144B7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6144B7
}
```

## Border

The CSS property to change the border of an element to Hex 6144B7 is called "border". The border property can be set on classes, ids or directly on the HTML element.

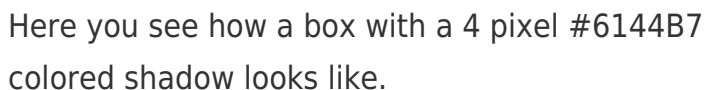
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6144B7 }
```

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

```
.border{ border-color:#6144B7 }
```

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



Here you see how a box with a 4 pixel #6144B7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6144B7; -webkit-box-shadow:4px 4px  
4px 4px #6144B7; box-shadow:4px 4px 4px  
4px #6144B7 }
```

# Background

The CSS property to change the background color of an element to Hex 6144B7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6144B7 }
```

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

```
.background{ background-color:#6144B7 }
```

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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