

Converting Colors

Hex(6017B6)

Have a look what the booklet for
Hex(6017B6) contains.

Hex(6017B6)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(6017B6)

Conversions

Conversions Part 1

Format	Color
Hex	6017B6
RGB	96, 23, 182
RGB Percent	38%, 9%, 71%
CMY	0.6235, 0.9098, 0.2863
CMYK	0.47, 0.87, 0.00, 0.29
HSL	268°, 78%, 40%
HSV	268°, 87%, 71%
XYZ	13.5738, 6.4770, 44.7907
YIQ	62.9530, -7.5310, 64.9250

Conversions

Conversions Part 2

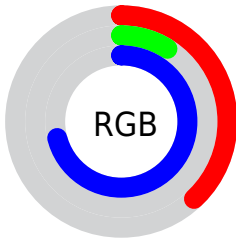
Format	Color
R_{YB}	96, 23, 182
Decimal	6297526
CIE _{Lab}	30.59, 60.55, -68.42
CIE _{LCh}	31, 91.370, 311.507
Yxy	6.4770, 0.2093, 0.0999
Android (android.graphics.Color)	4284487606 (0xFF6017B6)
YUV	62.9530, 58.6902, 28.9822
Hunter-Lab	25.4499, 50.6659, -86.5328

Details

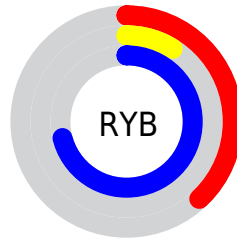
The Hex color **6017B6** is a dark color, and the websafe version is hex **6633CC**. A complement of this color would be **6DB617**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **9B50EF**, and **1E0080** is the 20% darker color. If you saturate the color by 10%, you get **5605B6**, and if you desaturate by 10%, it is **6A29B6**.

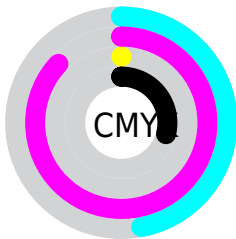
Distribution



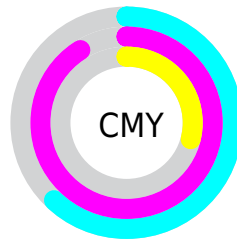
- Red (38%)
- Green (9%)
- Blue (71%)



- Red (38%)
- Yellow (9%)
- Blue (71%)



- Cyan (47%)
- Magenta (87%)
- Yellow (0%)
- Black (29%)



- Cyan (62%)
- Magenta (91%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6017B6 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 6017B6 by changing the saturation by 10% instead.

6017B6

6017B6

FFFFFF

41009A

9B50EF

1E0080

B86BFF

000066

D686FF

00004D

F4A1FF

000535

FFBDFE

00021F

FFDAFF

000001

FFF7FF

000000

6017B6

6017B6

■ 5605B6

■ 6A29B6

■ 5400B6

■ 743BB6

■ 7E4EB6

■ 8760B6

■ 9172B6

■ 9B84B6

■ A596B6

■ AFA9B6

■ B9BBB6

Harmonies

Analogous

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



004CD9



6017B6



A90077

Triad

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



6017B6



7B3200



006063

Complementary

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



6017B6



6DB617

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.



005E14



6017B6



3F4E00

Square

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



6017B6



A60000



005A00



0061A8

Rectangle

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



6017B6



B90048



005A00



005F4A

Sweetspot

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



6017B6



CCAFED



176EB6



645378



F7F7F7



787878

Same Dimension

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



6017B6



6D00ED



AE17B6



57535C



47009C



0D001C

Inverse Universe

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



B6176D



ED0080



1FB617



5C5358



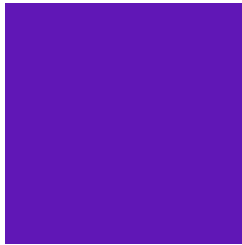
9C0054



1C000F

Previews

White Background



This preview shows how the Hex color 6017B6 looks on a white background.

Color Contrast Check

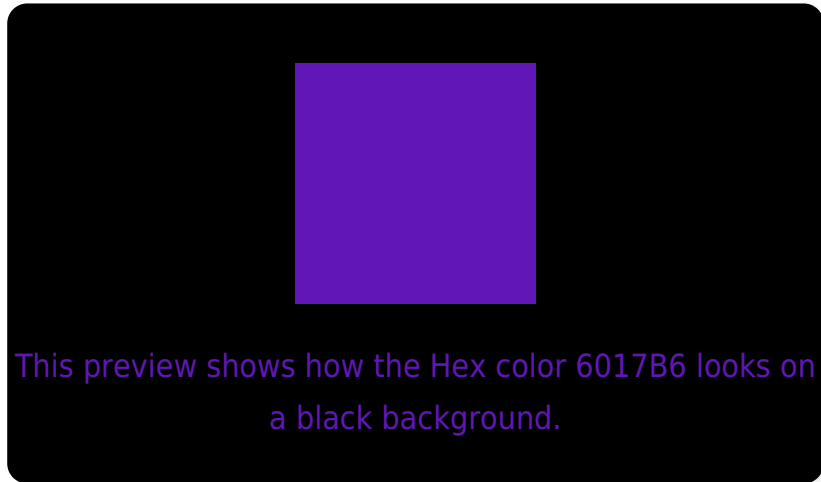
Large Text (above 18pt) WCAG AA ✓ Pass

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

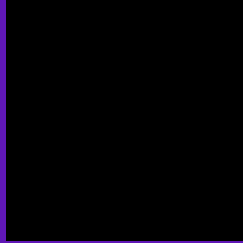
Any Text WCAG AA × Fail

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 6017B6 Background



This preview shows how black text looks on a background with the Hex color 6017B6.



This preview shows how white text looks on a background with the Hex color 6017B6.

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](#).

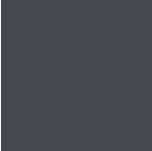
Dichromacy



Original Color
6017B6

Protanopia
004794

Deuteranopia
004B7F



Tritanopia
45494F

Trichromacy



Original Color
6017B6



Protanomaly
2336A0



Deuteranomaly
233893



Tritanomaly
4F3774

Monochromacy



Original Color
6017B6



Achromatopsia
3F3F3F



Achromatomaly
4B306A

CSS Examples

Text

The CSS property to change the color of the text to Hex 6017B6 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 #6017B6 looks like.

```
.text, #text, p{  
    color:#6017B6  
}
```

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 #6017B6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6017B6
}
```

Border

The CSS property to change the border of an element to Hex 6017B6 is called "border". The border property can be set on classes, ids or directly on the HTML element.

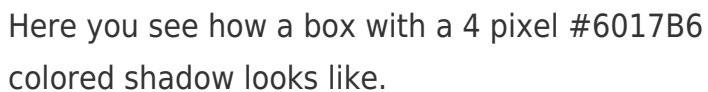
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6017B6 }
```

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

```
.border{ border-color:#6017B6 }
```

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



Here you see how a box with a 4 pixel #6017B6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6017B6; -webkit-box-shadow:4px 4px  
4px 4px #6017B6; box-shadow:4px 4px 4px  
4px #6017B6 }
```

Background

The CSS property to change the background color of an element to Hex 6017B6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6017B6 }
```

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

```
.background{ background-color:#6017B6 }
```

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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