

Converting Colors

Hex(6027B3)

Have a look what the booklet for
Hex(6027B3) contains.

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Color

Hex(6027B3)

Conversions

Conversions Part 1

Format	Color
Hex	6027B3
RGB	96, 39, 179
RGB Percent	38%, 15%, 70%
CMY	0.6235, 0.8471, 0.2980
CMYK	0.46, 0.78, 0.00, 0.30
HSL	264°, 64%, 43%
HSV	264°, 78%, 70%
XYZ	13.6861, 7.1925, 43.3148
YIQ	72.0030, -10.9680, 55.6240

Conversions

Conversions Part 2

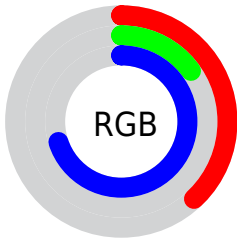
Format	Color
R_{YB}	96, 39, 179
Decimal	6301619
CIE _{Lab}	32.24, 54.13, -63.92
CIE _{LCh}	32, 83.761, 310.262
Yxy	7.1925, 0.2132, 0.1120
Android (android.graphics.Color)	4284491699 (0xFF6027B3)
YUV	72.0030, 52.7495, 21.0454
Hunter-Lab	26.8189, 44.1583, -76.9853

Details

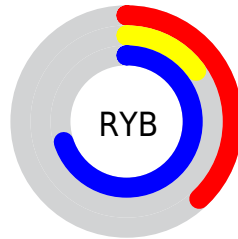
The Hex color **6027B3** is a dark color, and the websafe version is hex **6633CC**. A complement of this color would be **7AB327**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **9A5BEC**, and **21007D** is the 20% darker color. If you saturate the color by 10%, you get **5515B3**, and if you desaturate by 10%, it is **6B39B3**.

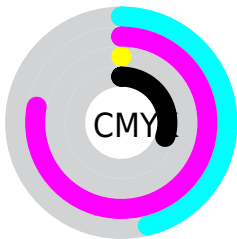
Distribution



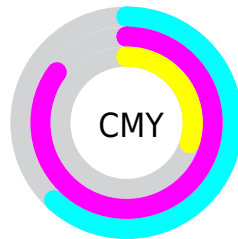
- Red (38%)
- Green (15%)
- Blue (70%)



- Red (38%)
- Yellow (15%)
- Blue (70%)



- Cyan (46%)
- Magenta (78%)
- Yellow (0%)
- Black (30%)



- Cyan (62%)
- Magenta (85%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6027B3 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 6027B3 by changing the saturation by 10% instead.

 6027B3

 6027B3

FFFFFF

 420798

 9A5BEC

 21007D

 B775FF

 000063

 D490FF

 00004A

 F2ABFF

 000432

 FFC7FF

 00021D

 FFE4FF

 000000

 6027B3

 6027B3

 5515B3

 6B39B3

4B03B3

754BB3

4900B3

805DB3

8A6FB3

9580B3

A092B3

AAA4B3

B5B6B3

C0C8B3

Harmonies

Analogous

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



004FD2



6027B3



A5007A

Triad

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



6027B3



803700



006362

Complementary

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



6027B3



7AB327

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.



00611A



6027B3



495100

Square

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



6027B3



A70000



005C00



0064A2

Rectangle

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



6027B3



B5004F



005C00



00634B

Sweetspot

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



6027B3



C8B3E8



277BB3



625475



F5F5F5



757575

Same Dimension

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



6027B3



670EE8



A527B3



545059



3E0099



0A001A

Inverse Universe

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



B3277A



E80E8F



35B327



595056



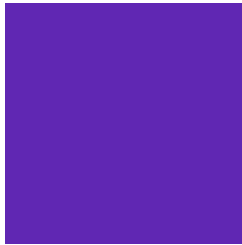
99005B



1A000F

Previews

White Background



This preview shows how the Hex color 6027B3 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

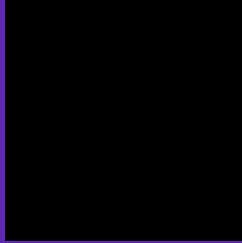
Any Text WCAG AA × Fail

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 6027B3 Background



This preview shows how black text looks on a background with the Hex color 6027B3.



This preview shows how white text looks on a background with the Hex color 6027B3.

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
6027B3

Protanopia
004A9B

Deuteranopia
004E86



Tritanopia
474D53

Trichromacy



Original Color
6027B3



Protanomaly
233DA4



Deuteranomaly
234096



Tritanomaly
503F76

Monochromacy



Original Color
6027B3



Achromatopsia
484848



Achromatomaly
513C6F

CSS Examples

Text

The CSS property to change the color of the text to Hex 6027B3 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 #6027B3 looks like.

```
.text, #text, p{  
    color:#6027B3  
}
```

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 #6027B3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6027B3
}
```

Border

The CSS property to change the border of an element to Hex 6027B3 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
#6027B3 }
```

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

```
.border{ border-color:#6027B3 }
```

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

Here you see how a box with a 4 pixel #6027B3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6027B3; -webkit-box-shadow:4px 4px  
4px 4px #6027B3; box-shadow:4px 4px 4px  
4px #6027B3 }
```

Background

The CSS property to change the background color of an element to Hex 6027B3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6027B3 }
```

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

```
.background{ background-color:#6027B3 }
```

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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