

Converting Colors

Hex(602BD6)

Have a look what the booklet for
Hex(602BD6) contains.

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Color

Hex(602BD6)

Conversions

Conversions Part 1

Format	Color
Hex	602BD6
RGB	96, 43, 214
RGB Percent	38%, 17%, 84%
CMY	0.6235, 0.8314, 0.1608
CMYK	0.55, 0.80, 0.00, 0.16
HSL	259°, 68%, 50%
HSV	259°, 80%, 84%
XYZ	17.8253, 9.0696, 64.4294
YIQ	78.3410, -23.3030, 64.4170

Conversions

Conversions Part 2

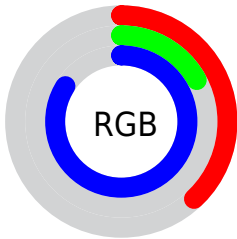
Format	Color
R_{YB}	96, 43, 214
Decimal	6302678
CIE _{Lab}	36.12, 61.55, -78.05
CIE _{LCh}	36, 99.401, 308.261
Yxy	9.0696, 0.1952, 0.0993
Android (android.graphics.Color)	4284492758 (0xFF602BD6)
YUV	78.3410, 66.8799, 15.4869
Hunter-Lab	30.1158, 52.9506, -105.7636

Details

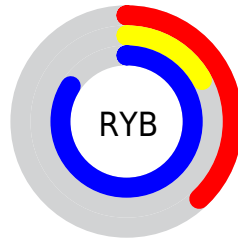
The Hex color **602BD6** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark washed purple. A complement of this color would be **A1D62B**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **9E60FF**, and **0B009E** is the 20% darker color. If you saturate the color by 10%, you get **5116D6**, and if you desaturate by 10%, it is **6F40D6**.

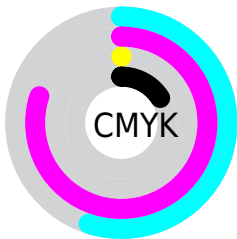
Distribution



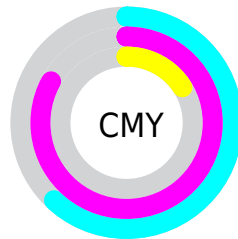
- Red (38%)
- Green (17%)
- Blue (84%)



- Red (38%)
- Yellow (17%)
- Blue (84%)



- Cyan (55%)
- Magenta (80%)
- Yellow (0%)
- Black (16%)



- Cyan (62%)
- Magenta (83%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 602BD6 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 602BD6 by changing the saturation by 10% instead.

 602BD6

 602BD6

FFFFFF

 3E0BBA

 9E60FF

 0B009E

 BC7BFF

 000083

 DB96FF

 000069

 F9B1FF

 00094F

 FFCEFF

 000537

 FFE8FF

 000221

 000006

 000000

 602BD6

 602BD6

 5116D6

 6F40D6

 4200D6

 7E56D6

 8C6BD6

 9B81D6

 AA96D6

 B9ABD6

 C7C1D6

 D6D6D6

 E5ECD6

Harmonies

Analogous

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



005CF9



602BD6



BD0092

Triad

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



602BD6



953700



00706A

Complementary

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



602BD6



A1D62B

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.



006D0D



602BD6



555A00

Square

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



602BD6



C30000



006800



0071B8

Rectangle

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



602BD6



D2005E



006800



006F4E

Sweetspot

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



602BD6



D5C2FF



2BA3D6



665B80



000000



808080

Same Dimension

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



602BD6



560AFF



B42BD6



64606B



3500AB



0D002B

Inverse Universe

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



D62BA1



FF0AB3



4DD62B



6B6068



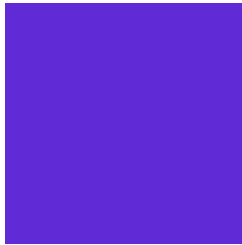
AB0076



2B001E

Previews

White Background



This preview shows how the Hex color 602BD6 looks on a white background.

Color Contrast Check

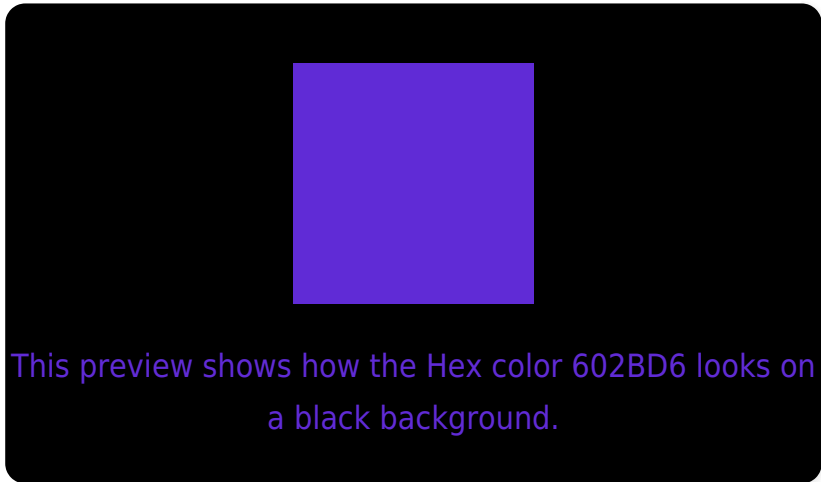
Large Text (above 18pt) WCAG AA ✓ Pass

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

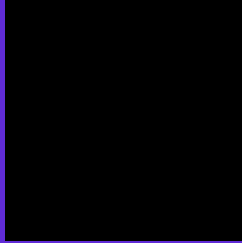
Any Text WCAG AA × Fail

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 602BD6 Background



This preview shows how black text looks on a background with the Hex color 602BD6.

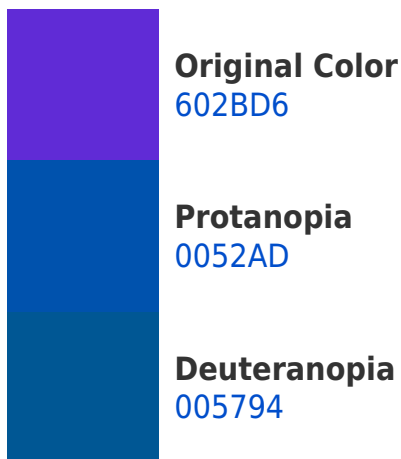



This preview shows how white text looks on a background with the Hex color 602BD6.

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
375A62

Trichromacy



Original Color
602BD6



Protanomaly
2344BC



Deuteranomaly
2347AC



Tritanomaly
46498C

Monochromacy



Original Color
602BD6



Achromatopsia
4E4E4E



Achromatomaly
55417F

CSS Examples

Text

The CSS property to change the color of the text to Hex 602BD6 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 #602BD6 looks like.

```
.text, #text, p{  
    color:#602BD6  
}
```

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 #602BD6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #602BD6
}
```

Border

The CSS property to change the border of an element to Hex 602BD6 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
#602BD6 }
```

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

```
.border{ border-color:#602BD6 }
```

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

Here you see how a box with a 4 pixel #602BD6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #602BD6; -webkit-box-shadow:4px 4px  
4px 4px #602BD6; box-shadow:4px 4px 4px  
4px #602BD6 }
```

Background

The CSS property to change the background color of an element to Hex 602BD6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#602BD6 }
```

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

```
.background{ background-color:#602BD6 }
```

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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