

Converting Colors

Hex(603DB6)

Have a look what the booklet for
Hex(603DB6) contains.

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Color

Hex(603DB6)

Conversions

Conversions Part 1

Format	Color
Hex	603DB6
RGB	96, 61, 182
RGB Percent	38%, 24%, 71%
CMY	0.6235, 0.7608, 0.2863
CMYK	0.47, 0.66, 0.00, 0.29
HSL	257°, 50%, 48%
HSV	257°, 66%, 71%
XYZ	14.9361, 9.2017, 45.2449
YIQ	85.2590, -17.9810, 45.0510

Conversions

Conversions Part 2

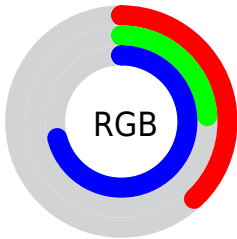
Format	Color
R_{YB}	96, 61, 182
Decimal	6307254
CIE _{Lab}	36.37, 44.09, -58.95
CIE _{LCh}	36, 73.613, 306.790
Yxy	9.2017, 0.2153, 0.1326
Android (android.graphics.Color)	4284497334 (0xFF603DB6)
YUV	85.2590, 47.6933, 9.4199
Hunter-Lab	30.3343, 34.8056, -67.1995

Details

The Hex color **603DB6** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **93B63D**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **996FEF**, and **230C80** is the 20% darker color. If you saturate the color by 10%, you get **532BB6**, and if you desaturate by 10%, it is **6D4FB6**.

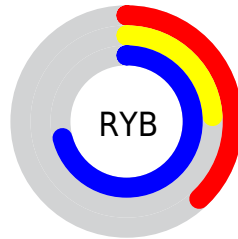
Distribution



Red (38%)

Green (24%)

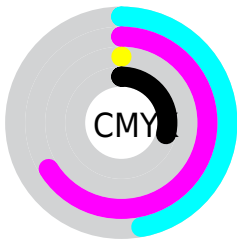
Blue (71%)



Red (38%)

Yellow (24%)

Blue (71%)

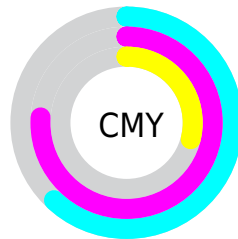


Cyan (47%)

Magenta (66%)

Yellow (0%)

Black (29%)



Cyan (62%)

Magenta (76%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 603DB6 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 603DB6 by changing the saturation by 10% instead.

603DB6

603DB6

FFFFFF

43259B

996FEF

230C80

B689FF

000066

D3A3FF

00004D

F0BFFF

000535

FFDBFF

00021F

FFF8FF

000002

000000

603DB6

603DB6

■ 532BB6

■ 6D4FB6

■ 4619B6

■ 7A61B6

■ 3906B6

■ 8774B6

■ 3500B6

■ 9486B6

■ A198B6

■ AEAAB6

■ BBBCB6

■ C7CFB6

■ D4E1B6

Harmonies

Analogous

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



005ACE



603DB6



A30085

Triad

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



603DB6



8D4000



006D62

Complementary

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



603DB6



93B63D

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.



006A22



603DB6



5D5800

Square

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



603DB6



AD0A10



0F6400



006D9C

Rectangle

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



603DB6



B5005F



0F6400



006C4D

Sweetspot

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



603DB6



CBBEED



3D94B6



635B78



F7F7F7



787878

Same Dimension

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



603DB6



662FED



9C3DB6



55535C



2D009C



08001C

Inverse Universe

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



B63D93



ED2FB6



57B63D



5C5359



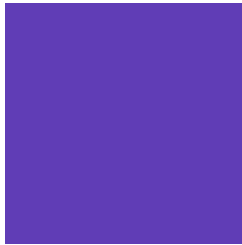
9C006F



1C0014

Previews

White Background



This preview shows how the Hex color 603DB6 looks on a white background.

Color Contrast Check

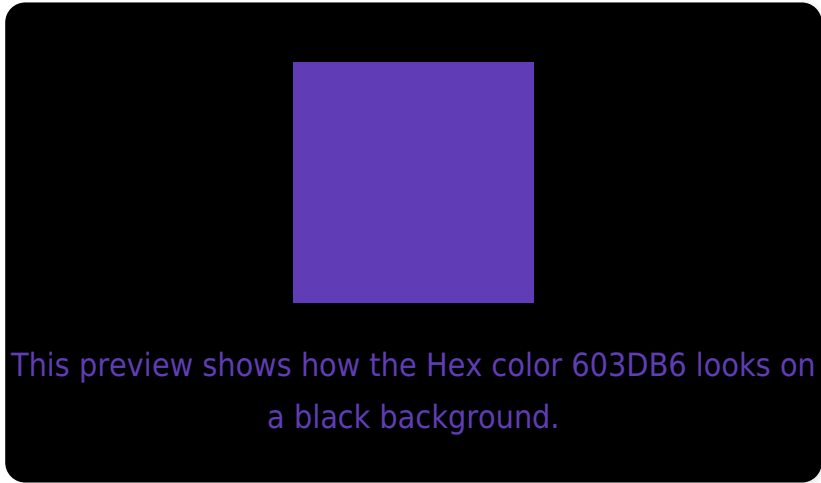
Large Text (above 18pt) WCAG AA ✓ Pass

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

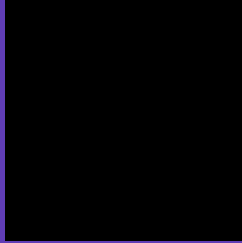
Any Text WCAG AA × Fail

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 603DB6 Background



This preview shows how black text looks on a background with the Hex color 603DB6.

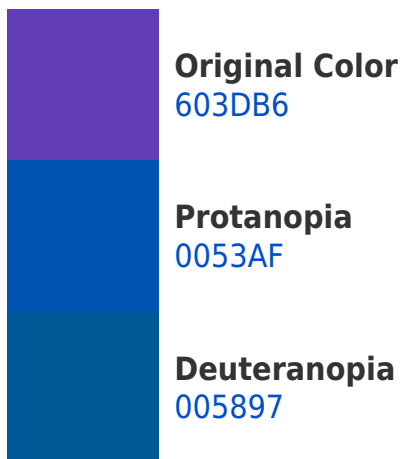


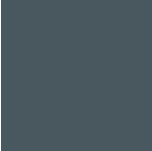
This preview shows how white text looks on a background with the Hex color 603DB6.

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
49585F

Trichromacy



Original Color
603DB6



Protanomaly
234BB2



Deuteranomaly
234EA2



Tritanomaly
514E7F

Monochromacy



Original Color
603DB6



Achromatopsia
555555



Achromatomaly
594C78

CSS Examples

Text

The CSS property to change the color of the text to Hex 603DB6 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 #603DB6 looks like.

```
.text, #text, p{  
    color:#603DB6  
}
```

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 #603DB6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #603DB6
}
```

Border

The CSS property to change the border of an element to Hex 603DB6 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
#603DB6 }
```

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

```
.border{ border-color:#603DB6 }
```

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

Here you see how a box with a 4 pixel #603DB6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #603DB6; -webkit-box-shadow:4px 4px  
4px 4px #603DB6; box-shadow:4px 4px 4px  
4px #603DB6 }
```

Background

The CSS property to change the background color of an element to Hex 603DB6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#603DB6 }
```

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

```
.background{ background-color:#603DB6 }
```

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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