

Converting Colors

Hex(6406B3)

Have a look what the booklet for
Hex(6406B3) contains.

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Color

Hex(6406B3)

Conversions

Conversions Part 1

Format	Color
Hex	6406B3
RGB	100, 6, 179
RGB Percent	39%, 2%, 70%
CMY	0.6078, 0.9765, 0.2980
CMYK	0.44, 0.97, 0.00, 0.30
HSL	273°, 94%, 36%
HSV	273°, 97%, 70%
XYZ	13.4573, 6.0942, 43.1149
YIQ	53.8280, 0.4910, 73.7310

Conversions

Conversions Part 2

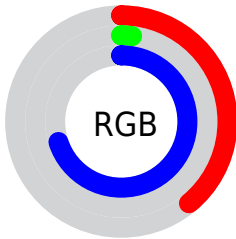
Format	Color
R_{YB}	100, 6, 179
Decimal	6555315
CIE _{Lab}	29.65, 63.84, -68.16
CIE _{LCh}	30, 93.387, 313.125
Yxy	6.0942, 0.2147, 0.0972
Android (android.graphics.Color)	4284745395 (0xFF6406B3)
YUV	53.8280, 61.7098, 40.4928
Hunter-Lab	24.6865, 54.1041, -86.2690

Details

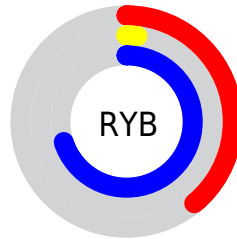
The Hex color **6406B3** is a dark color, and the websafe version is hex **6633CC**. A complement of this color would be **55B306**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **9F49EC**, and **24007D** is the 20% darker color. If you saturate the color by 10%, you get **6100B3**, and if you desaturate by 10%, it is **6C18B3**.

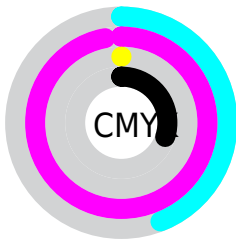
Distribution



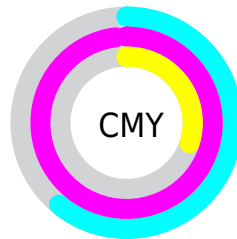
- Red (39%)
- Green (2%)
- Blue (70%)



- Red (39%)
- Yellow (2%)
- Blue (70%)



- Cyan (44%)
- Magenta (97%)
- Yellow (0%)
- Black (30%)



- Cyan (61%)
- Magenta (98%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6406B3 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 6406B3 by changing the saturation by 10% instead.

6406B3

6406B3

FFFFFF

460098

9F49EC

24007D

BC64FF

000063

DA7FFF

00004A

F89BFF

000432

FFB7FF

00021C

FFD4FF

000000

FFF1FF

6406B3

6406B3

■ 6100B3

■ 6C18B3

■ 742AB3

■ 7D3CB3

■ 854EB3

■ 8D60B3

■ 9571B3

■ 9D83B3

■ A595B3

■ AEA7B3

Harmonies

Analogous

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



0048D9



6406B3



AA0072

Triad

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



6406B3



763200



005E66

Complementary

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



6406B3



55B306

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.



005C16



6406B3



384D00

Square

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



6406B3



A30000



005800



005FAB

Rectangle

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



6406B3



B80042



005800



005D4C

Sweetspot

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



6406B3



C9A5E8



0657B3



634C75



F5F5F5



757575

Same Dimension

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



6406B3



7E00E8



B306AD



555059



530099



0E001A

Inverse Universe

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



B30655



E8006A



06B30C



595054



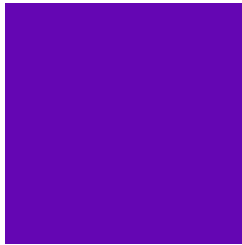
990046



1A000C

Previews

White Background



This preview shows how the Hex color 6406B3 looks on a white background.

Color Contrast Check

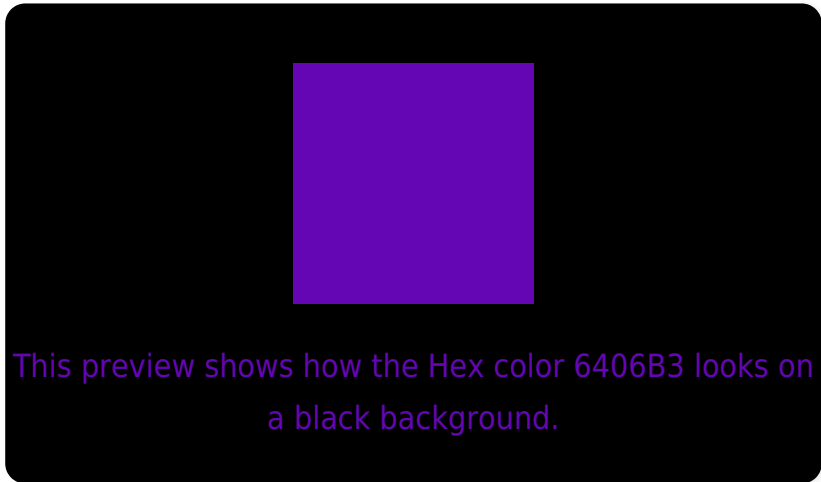
Large Text (above 18pt) WCAG AA ✓ Pass

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

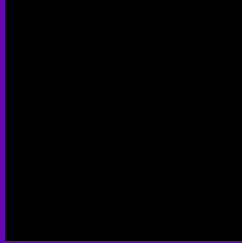
Any Text WCAG AA × Fail

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 6406B3 Background



This preview shows how black text looks on a background with the Hex color 6406B3.

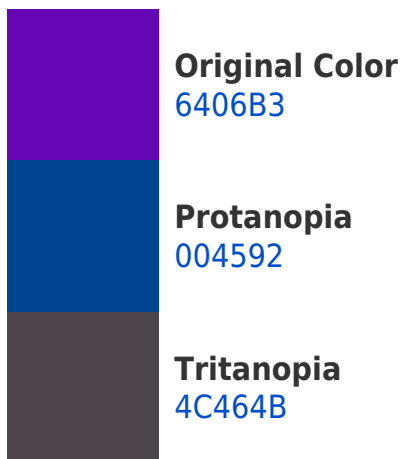


This preview shows how white text looks on a background with the Hex color 6406B3.

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



Trichromacy



Original Color
6406B3

Protanomaly
242E9E

Tritanomaly
552F71

Monochromacy



Original Color
6406B3

Achromatopsia
363636

Achromatomaly
472563

CSS Examples

Text

The CSS property to change the color of the text to Hex 6406B3 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 #6406B3 looks like.

```
.text, #text, p{  
    color:#6406B3  
}
```

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 #6406B3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6406B3  
}
```

Border

The CSS property to change the border of an element to Hex 6406B3 is called "border". The border property can be set on classes, ids or directly on the HTML element.

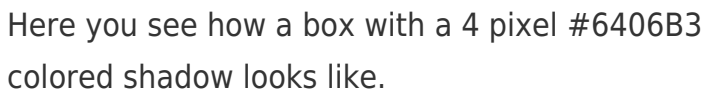
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#6406B3 }
```

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

```
.border{ border-color:#6406B3 }
```

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



Here you see how a box with a 4 pixel #6406B3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6406B3; -webkit-box-shadow:4px 4px  
4px 4px #6406B3; box-shadow:4px 4px 4px  
4px #6406B3 }
```

Background

The CSS property to change the background color of an element to Hex 6406B3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6406B3 }
```

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

```
.background{ background-color:#6406B3 }
```

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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