

Converting Colors

Hex(3D50C6)

Have a look what the booklet for
Hex(3D50C6) contains.

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Color

Hex(3D50C6)

Conversions

Conversions Part 1

Format	Color
Hex	3D50C6
RGB	61, 80, 198
RGB Percent	24%, 31%, 78%
CMY	0.7608, 0.6863, 0.2235
CMYK	0.69, 0.60, 0.00, 0.22
HSL	232°, 55%, 51%
HSV	232°, 69%, 78%
XYZ	14.9862, 10.8066, 54.7221
YIQ	87.7710, -49.2020, 32.6700

Conversions

Conversions Part 2

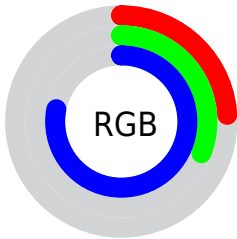
Format	Color
R_{YB}	61, 78, 198
Decimal	4018374
CIE _{Lab}	39.25, 31.96, -63.75
CIE _{LCh}	39, 71.311, 296.626
Yxy	10.8066, 0.1861, 0.1342
Android (android.graphics.Color)	4282208454 (0xFF3D50C6)
YUV	87.7710, 54.3429, -23.4782
Hunter-Lab	32.8735, 23.8451, -75.6845

Details

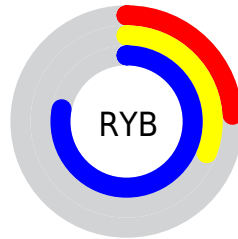
The Hex color **3D50C6** is a dark color, and the websafe version is hex **333399**. The color can be described as dark muted blue. A complement of this color would be **C6B33D**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **7D81FF**, and **00248F** is the 20% darker color. If you saturate the color by 10%, you get **293FC6**, and if you desaturate by 10%, it is **5161C6**.

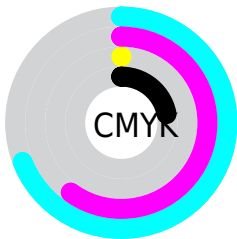
Distribution



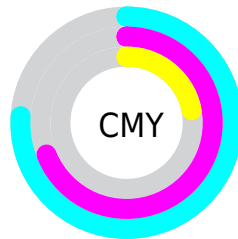
- Red (24%)
- Green (31%)
- Blue (78%)



- Red (24%)
- Yellow (31%)
- Blue (78%)



- Cyan (69%)
- Magenta (60%)
- Yellow (0%)
- Black (22%)



- Cyan (76%)
- Magenta (69%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D50C6 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 3D50C6 by changing the saturation by 10% instead.

■ 3D50C6

■ 3D50C6

FFFFFF

■ 0C39AA

■ 7D81FF

■ 00248F

■ 9A9BFF

■ 001175

■ B8B6FF

■ 00005B

■ D6D1FF

■ 000743

■ F4EEFF

■ 00032C

■ 000116

■ 000000

■ 3D50C6

■ 3D50C6

■ 293FC6

■ 5161C6

■ 152EC6

■ 6572C6

■ 021DC6

■ 7883C6

■ 001BC6

■ 8C94C6

■ A0A5C6

■ B4B6C6

■ C8C7C6

■ DBD8C6

■ EFE9C6

Harmonies

Analogous

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



0067D2



3D50C6



99299D

Triad

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



3D50C6



A13C00



007354

Complementary

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



3D50C6



C6B33D

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.



007011



3D50C6



775800

Square

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



3D50C6



BB052D



3E6800



00748F

Rectangle

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



3D50C6



B40079



3E6800



00733F

Sweetspot

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



3D50C6



C9D1FF



3DC6B1



606480



000000



808080

Same Dimension

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



3D50C6



2B49FF



6D3DC6



5A5B63



0017A3



000524

Inverse Universe

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



C63D50



FF2B49



96C63D



635A5B



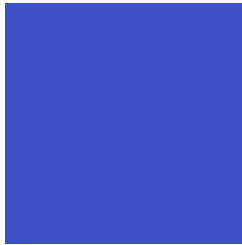
A30017



240005

Previews

White Background



This preview shows how the Hex color 3D50C6 looks on a white background.

Color Contrast Check

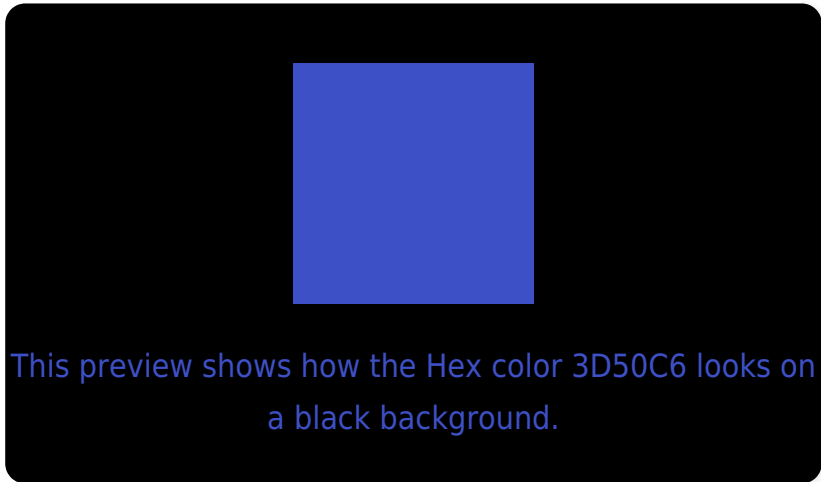
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

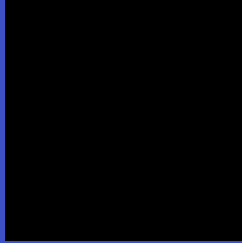
Any Text WCAG AA × Fail

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 3D50C6 Background



This preview shows how black text looks on a background with the Hex color 3D50C6.

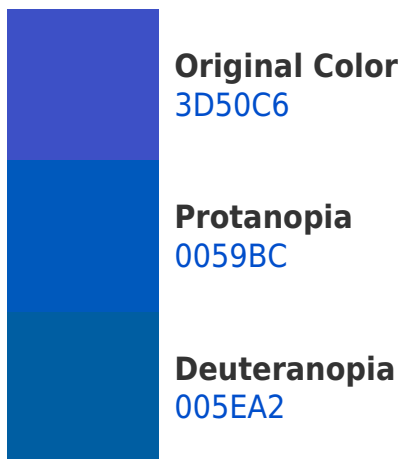


This preview shows how white text looks on a background with the Hex color 3D50C6.

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](#).

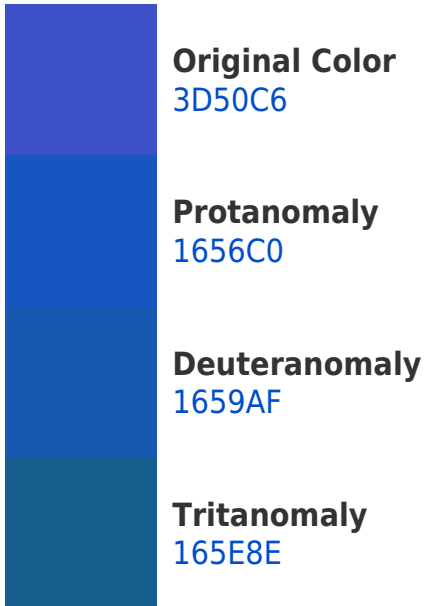
Dichromacy





Tritanopia
00666E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3D50C6 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 #3D50C6 looks like.

```
.text, #text, p{  
    color:#3D50C6  
}
```

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 #3D50C6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D50C6
}
```

Border

The CSS property to change the border of an element to Hex 3D50C6 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
#3D50C6 }
```

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

```
.border{ border-color:#3D50C6 }
```

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

Here you see how a box with a 4 pixel #3D50C6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D50C6; -webkit-box-shadow:4px 4px  
4px 4px #3D50C6; box-shadow:4px 4px 4px  
4px #3D50C6 }
```

Background

The CSS property to change the background color of an element to Hex 3D50C6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D50C6 }
```

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

```
.background{ background-color:#3D50C6 }
```

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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