

Converting Colors

Hex(3650B6)

Have a look what the booklet for
Hex(3650B6) contains.

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Color

Hex(3650B6)

Conversions

Conversions Part 1

Format	Color
Hex	3650B6
RGB	54, 80, 182
RGB Percent	21%, 31%, 71%
CMY	0.7882, 0.6863, 0.2863
CMYK	0.70, 0.56, 0.00, 0.29
HSL	228°, 54%, 46%
HSV	228°, 70%, 71%
XYZ	12.8335, 9.8990, 45.4903
YIQ	83.8540, -48.2380, 26.2100

Conversions

Conversions Part 2

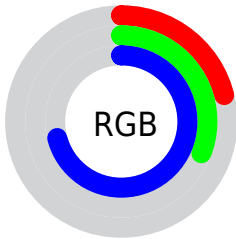
Format	Color
RYB	54, 76, 182
Decimal	3559606
CIELab	37.66, 25.22, -57.00
CIELCh	38, 62.325, 293.865
Yxy	9.8990, 0.1881, 0.1451
Android (android.graphics.Color)	4281749686 (0xFF3650B6)
YUV	83.8540, 48.3860, -26.1820
Hunter-Lab	31.4627, 17.7497, -63.7005

Details

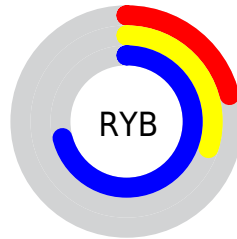
The Hex color **3650B6** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **B69C36**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **7481EF**, and **002480** is the 20% darker color. If you saturate the color by 10%, you get **2441B6**, and if you desaturate by 10%, it is **485FB6**.

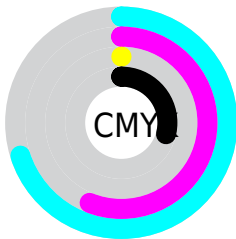
Distribution



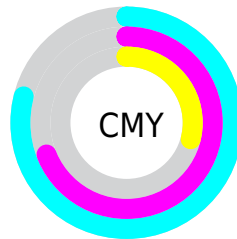
- Red (21%)
- Green (31%)
- Blue (71%)



- Red (21%)
- Yellow (30%)
- Blue (71%)



- Cyan (70%)
- Magenta (56%)
- Yellow (0%)
- Black (29%)



- Cyan (79%)
- Magenta (69%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3650B6 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 3650B6 by changing the saturation by 10% instead.

 3650B6

 3650B6

FFFFFF

 02399B

 7481EF

 002480

 929BFF

 001266

 AFB5FF

 00004E

 CCD1FF

 000536

 EAEDFF

 00021F

 000003

 000000

 3650B6

 3650B6

■ 2441B6

■ 485FB6

■ 1233B6

■ 5A6DB6

■ 0025B6

■ 6D7CB6

■ 7F8AB6

■ 9199B6

■ A3A7B6

■ B5B6B6

■ C8C4B6

■ DAD3B6

Harmonies

Analogous

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



0062BE



3650B6



893395

Triad

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



3650B6



993B00



006D4C

Complementary

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



3650B6



B69C36

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.



006A15



3650B6



755300

Square

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



3650B6



AD1B34



466200



006E80

Rectangle

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



3650B6



A31C76



466200



006C3B

Sweetspot

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



3650B6



BBC5ED



36B69A



5A6078



F7F7F7



787878

Same Dimension

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



3650B6



264EED



5A36B6



53545C



00209C



00061C

Inverse Universe

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



B63650



ED264E



92B636



5C5354



9C0020



1C0006

Previews

White Background



This preview shows how the Hex color 3650B6 looks on a white background.

Color Contrast Check

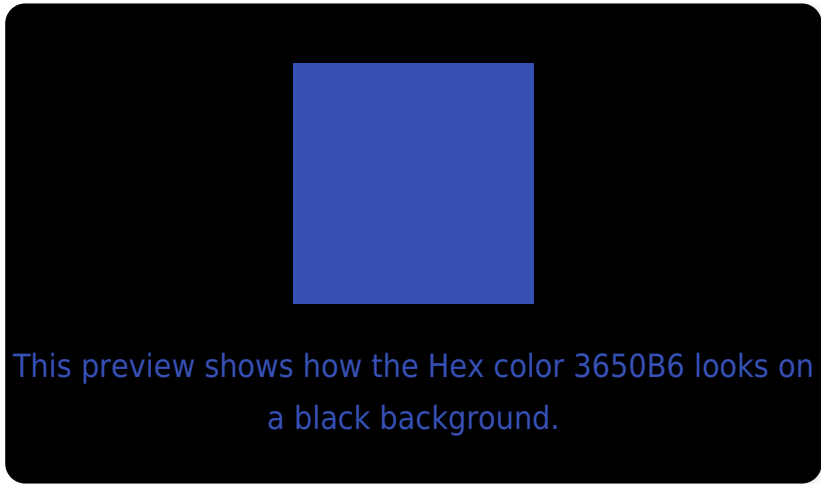
Large Text (above 18pt) WCAG AA ✓ Pass

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

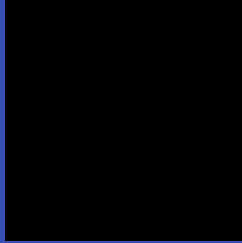
Any Text WCAG AA × Fail

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 3650B6 Background



This preview shows how black text looks on a background with the Hex color 3650B6.

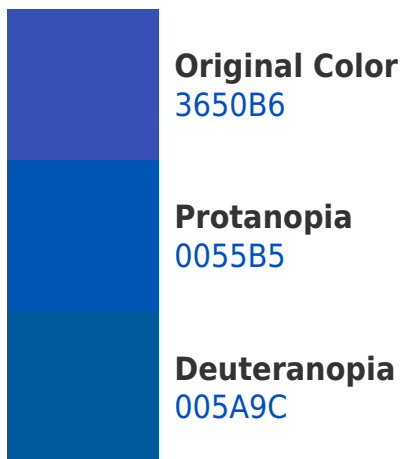


This preview shows how white text looks on a background with the Hex color 3650B6.

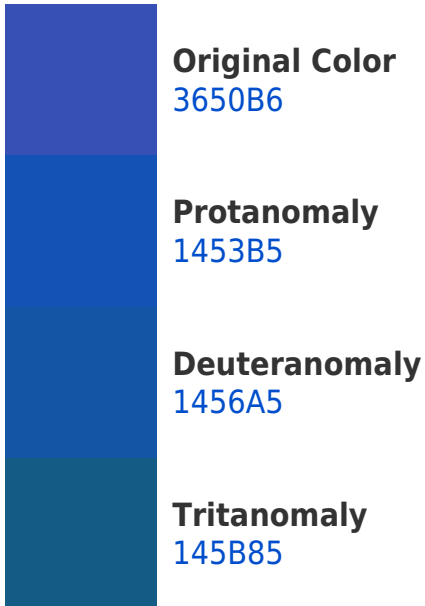
Color Blindness Simulation

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



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3650B6 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 #3650B6 looks like.

```
.text, #text, p{  
    color:#3650B6  
}
```

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 #3650B6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3650B6
}
```

Border

The CSS property to change the border of an element to Hex 3650B6 is called "border". The border property can be set on classes, ids or directly on the HTML element.

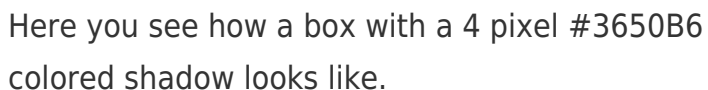
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3650B6 }
```

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

```
.border{ border-color:#3650B6 }
```

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



Here you see how a box with a 4 pixel #3650B6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3650B6; -webkit-box-shadow:4px 4px  
4px 4px #3650B6; box-shadow:4px 4px 4px  
4px #3650B6 }
```

Background

The CSS property to change the background color of an element to Hex 3650B6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3650B6 }
```

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

```
.background{ background-color:#3650B6 }
```

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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