

# Converting Colors

Hex(3532B6)

Have a look what the booklet for  
Hex(3532B6) contains.

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# Color

Hex(3532B6)

# Conversions

## Conversions Part 1

Format	Color
Hex	3532B6
RGB	53, 50, 182
RGB Percent	21%, 20%, 71%
CMY	0.7922, 0.8039, 0.2863
CMYK	0.71, 0.73, 0.00, 0.29
HSL	241°, 57%, 45%
HSV	241°, 73%, 71%
XYZ	11.0523, 6.4155, 44.9118
YIQ	65.9450, -40.5840, 41.6880

# Conversions

## Conversions Part 2

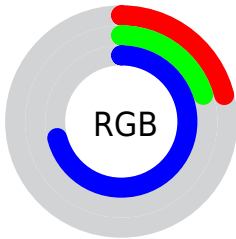
<b>Format</b>	<b>Color</b>
<b>RYB</b>	53, 50, 182
Decimal	3486390
CIELab	30.44, 43.89, -68.81
CIELCh	30, 81.617, 302.528
Yxy	6.4155, 0.1772, 0.1028
Android (android.graphics.Color)	4281676470 (0xFF3532B6)
YUV	65.9450, 57.2151, -11.3528
Hunter-Lab	25.3288, 33.5636, -87.3998

# Details

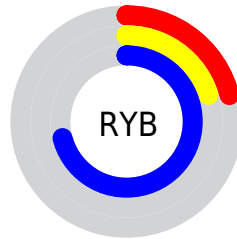
The Hex color **3532B6** is a dark color, and the websafe version is hex **3333CC**. A complement of this color would be **B3B632**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **7662EF**, and **000680** is the 20% darker color. If you saturate the color by 10%, you get **2320B6**, and if you desaturate by 10%, it is **4744B6**.

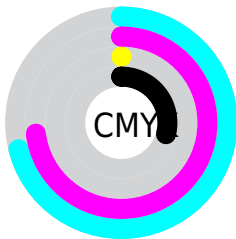
# Distribution



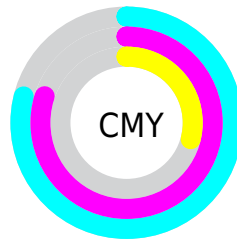
- Red (21%)
- Green (20%)
- Blue (71%)



- Red (21%)
- Yellow (20%)
- Blue (71%)



- Cyan (71%)
- Magenta (73%)
- Yellow (0%)
- Black (29%)



- Cyan (79%)
- Magenta (80%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3532B6 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 3532B6 by changing the saturation by 10% instead.



 3532B6

 3532B6

FFFFFF

 001B9A

 7662EF

 000680

 947BFF

 000066

 B195FF

 00074D

 CFB0FF

 000535

 EECCFF

 00021F

 FFE8FF

 000001

 000000

 3532B6

 3532B6

■ 2320B6

■ 4744B6

■ 110EB6

■ 5956B6

■ 0400B6

■ 6A69B6

■ 7C7BB6

■ 8E8DB6

■ A09FB6

■ B2B1B6

■ C3C4B6

■ D5D6B6

# Harmonies

## Analogous

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



0051CB



3532B6



930084

# Triad

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



3532B6



852800



005E4C

# Complementary

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



3532B6



B3B632

# 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.



005B00



3532B6



544800

# Square

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



3532B6



A50005



005600



005F8C

# Rectangle

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



3532B6



A9005B



005600



005D35



# Sweetspot

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



3532B6



BAB9ED



32B4B6



595978



F7F7F7



787878



# Same Dimension

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



3532B6



241FED



7632B6



53535C



04009C



01001C



# Inverse Universe

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



B632B3



ED1FE8



72B632



5C535C



9C0098

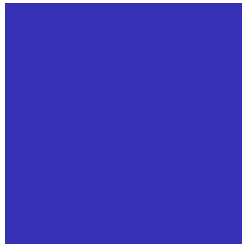


1C001B



# Previews

## White Background



This preview shows how the Hex color 3532B6 looks on a white background.

## Color Contrast Check

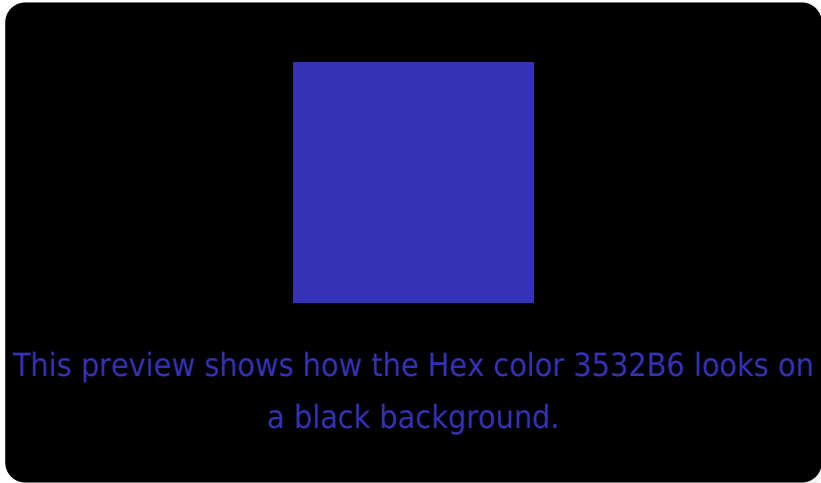
Large Text (above 18pt) WCAG AA ✓ Pass

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

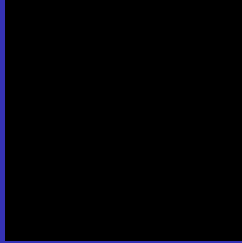
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 3532B6 Background



This preview shows how black text looks on a background with the Hex color 3532B6.

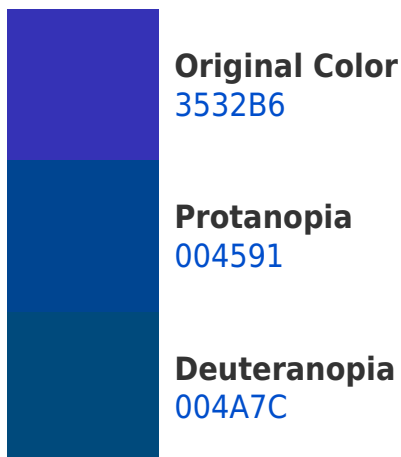


This preview shows how white text looks on a background with the Hex color 3532B6.

# 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**  
004F55

# Trichromacy



**Original Color**  
3532B6

**Protanomaly**  
133E9E

**Deuteranomaly**  
134191

**Tritanomaly**  
134478

# Monochromacy



**Original Color**  
3532B6

**Achromatopsia**  
424242

**Achromatomaly**  
3D3C6C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3532B6 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 #3532B6 looks like.

```
.text, #text, p{  
    color:#3532B6  
}
```

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 #3532B6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3532B6
}
```

## Border

The CSS property to change the border of an element to Hex 3532B6 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
#3532B6 }
```

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

```
.border{ border-color:#3532B6 }
```

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

Here you see how a box with a 4 pixel #3532B6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3532B6; -webkit-box-shadow:4px 4px  
4px 4px #3532B6; box-shadow:4px 4px 4px  
4px #3532B6 }
```

# Background

The CSS property to change the background color of an element to Hex 3532B6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3532B6 }
```

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

```
.background{ background-color:#3532B6 }
```

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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