

# Converting Colors

Hex(3D55B4)

Have a look what the booklet for  
Hex(3D55B4) contains.

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# Color

Hex(3D55B4)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3D55B4
RGB	61, 85, 180
RGB Percent	24%, 33%, 71%
CMY	0.7608, 0.6667, 0.2941
CMYK	0.66, 0.53, 0.00, 0.29
HSL	228°, 49%, 47%
HSV	228°, 66%, 71%
XYZ	13.4112, 10.7844, 44.5548
YIQ	88.6540, -44.7990, 24.4570

# Conversions

## Conversions Part 2

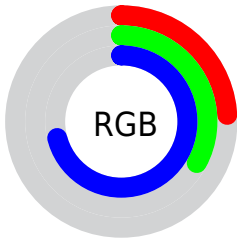
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	61, 81, 180
Decimal	4019636
CIE <sub>Lab</sub>	39.21, 22.31, -53.28
CIE <sub>LCh</sub>	39, 57.765, 292.717
Yxy	10.7844, 0.1951, 0.1569
Android (android.graphics.Color)	4282209716 (0xFF3D55B4)
YUV	88.6540, 45.0336, -24.2526
Hunter-Lab	32.8396, 15.4274, -57.4534

# Details

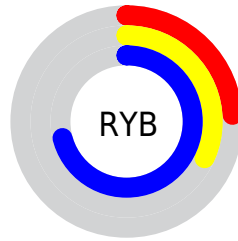
The Hex color **3D55B4** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **B49C3D**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **7986ED**, and **00297E** is the 20% darker color. If you saturate the color by 10%, you get **2B47B4**, and if you desaturate by 10%, it is **4F63B4**.

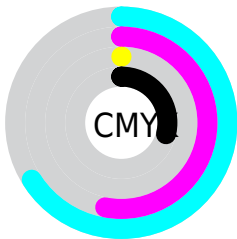
# Distribution



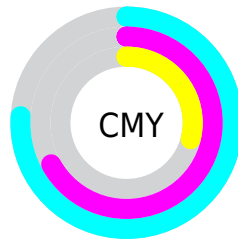
- Red (24%)
- Green (33%)
- Blue (71%)



- Red (24%)
- Yellow (32%)
- Blue (71%)



- Cyan (66%)
- Magenta (53%)
- Yellow (0%)
- Black (29%)



- Cyan (76%)
- Magenta (67%)
- Yellow (29%)
- Black (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3D55B4 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 3D55B4 by changing the saturation by 10% instead.



 3D55B4

 3D55B4

FFFFFF

 163E99

 7986ED

 00297E

 96A0FF

 001665

 B3BBFF

 00004C

 D0D7FF

 000434

 EE33FF

 00021E

 000001

 000000

 3D55B4

 3D55B4

■ 2B47B4

■ 4F63B4

■ 1938B4

■ 6172B4

■ 072AB4

■ 7380B4

■ 0024B4

■ 858EB4

■ 979DB4

■ A9ABB4

■ BBBAB4

■ CDC8B4

■ DFD6B4

# Harmonies

## Analogous

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



0066BA



3D55B4



893D96

# Triad

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



3D55B4



9B410C



00704F

# Complementary

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



3D55B4



B49C3D

# 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.



006C1D



3D55B4



7A5600

# Square

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



3D55B4



AD293B



4E6500



007180

# Rectangle

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



3D55B4



A12C79



4E6500



006F3F



# Sweetspot

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



3D55B4



BCC5EB



3DB49A



595F75



F5F5F5



757575



# Same Dimension

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



3D55B4



3157EB



5F3DB4



505259



001F99



00051A



# Inverse Universe

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



B43D55



EB3157



92B43D



595052



99001F



1A0005



# Previews

## White Background



This preview shows how the Hex color 3D55B4 looks on a white background.

## Color Contrast Check

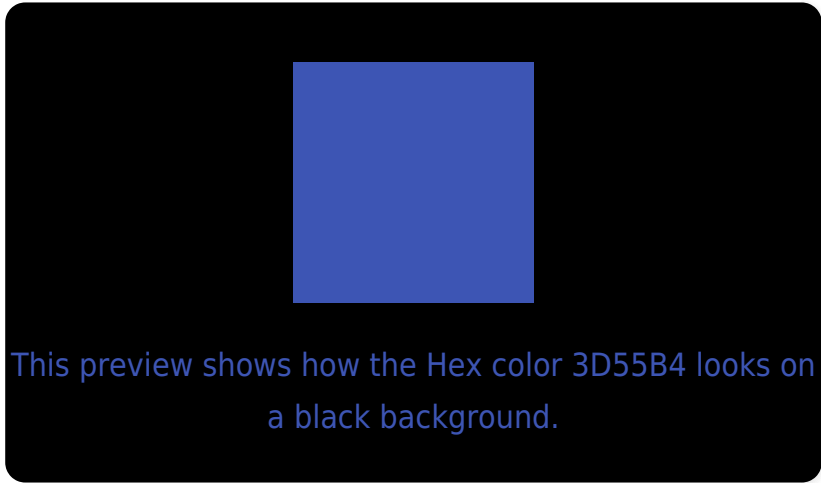
Large Text (above 18pt) WCAG AA ✓ Pass

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 3D55B4 Background



This preview shows how black text looks on a background with the Hex color 3D55B4.

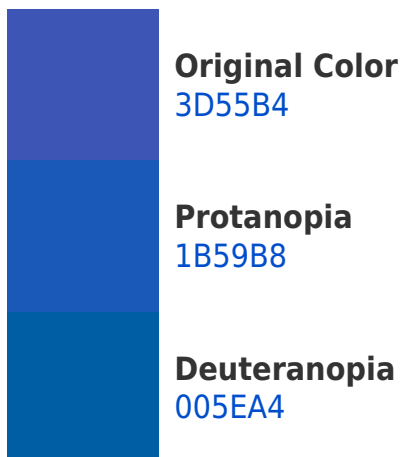


This preview shows how white text looks on a background with the Hex color 3D55B4.

# 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](#).

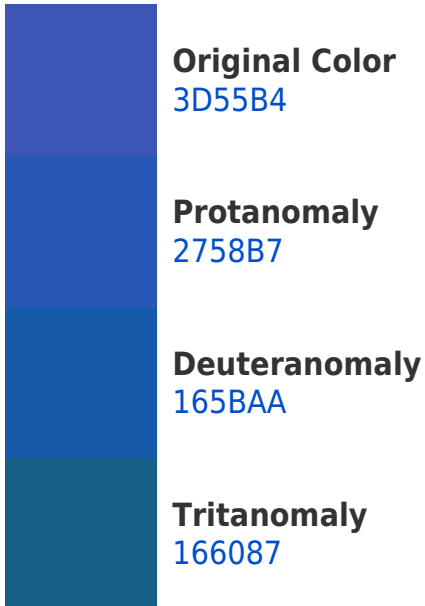
## Dichromacy





**Tritanopia**  
00666E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3D55B4 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 #3D55B4 looks like.

```
.text, #text, p{  
    color:#3D55B4  
}
```

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 #3D55B4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D55B4
}
```

## Border

The CSS property to change the border of an element to Hex 3D55B4 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
#3D55B4 }
```

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

```
.border{ border-color:#3D55B4 }
```

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

Here you see how a box with a 4 pixel #3D55B4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D55B4; -webkit-box-shadow:4px 4px  
4px 4px #3D55B4; box-shadow:4px 4px 4px  
4px #3D55B4 }
```

# Background

The CSS property to change the background color of an element to Hex 3D55B4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D55B4 }
```

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

```
.background{ background-color:#3D55B4 }
```

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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