

# Converting Colors

Hex(3F55A5)

Have a look what the booklet for  
Hex(3F55A5) contains.

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# Color

Hex(3F55A5)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3F55A5
RGB	63, 85, 165
RGB Percent	25%, 33%, 65%
CMY	0.7529, 0.6667, 0.3529
CMYK	0.62, 0.48, 0.00, 0.35
HSL	227°, 45%, 45%
HSV	227°, 62%, 65%
XYZ	12.0899, 10.2704, 36.9425
YIQ	87.5420, -38.7920, 20.2160

# Conversions

## Conversions Part 2

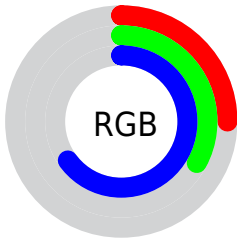
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	63, 81, 165
Decimal	4150693
CIE Lab	38.32, 17.31, -45.83
CIE LCh	38, 48.990, 290.686
Yxy	10.2704, 0.2039, 0.1732
Android (android.graphics.Color)	4282340773 (0xFF3F55A5)
YUV	87.5420, 38.1868, -21.5233
Hunter-Lab	32.0474, 11.2564, -45.9130

# Details

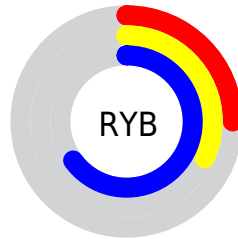
The Hex color **3F55A5** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **A58F3F**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **7886DD**, and **002970** is the 20% darker color. If you saturate the color by 10%, you get **2F48A5**, and if you desaturate by 10%, it is **5062A5**.

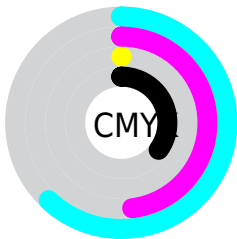
# Distribution



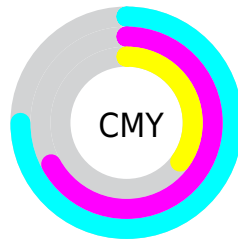
- Red (25%)
- Green (33%)
- Blue (65%)



- Red (25%)
- Yellow (32%)
- Blue (65%)



- Cyan (62%)
- Magenta (48%)
- Yellow (0%)
- Black (35%)



- Cyan (75%)
- Magenta (67%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3F55A5 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 3F55A5 by changing the saturation by 10% instead.



■ 3F55A5

■ 3F55A5

FFFFFF

■ 1E3E8A

■ 7886DD

■ 002970

■ 94A0F9

■ 001557

■ B0BBFF

■ 000040

■ CDD7FF

■ 000329

■ EAF3FF

■ 000112

■ 000000

■ 3F55A5

■ 3F55A5

■ 2F48A5

■ 5062A5

■ 1E3BA5

■ 606FA5

■ 0E2EA5

■ 717CA5

■ 0024A5

■ 8189A5

■ 9296A5

■ A2A3A5

■ B2B0A5

■ C3BDA5

■ D3C9A5

# Harmonies

## Analogous

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



0063A9



3F55A5



7D428D

# Triad

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



3F55A5



93431C



006C4C

# Complementary

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



3F55A5



A58F3F

# 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.



1C6824



3F55A5



775400

# Square

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



3F55A5



A03341



536000



006C75

# Rectangle

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



3F55A5



943775



536000



006B3E



# Sweetspot

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



3F55A5



AEB6D6



3FA58F



52586B



EBEBEB



6B6B6B



# Same Dimension

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



3F55A5



385AD6



5C3FA5



494B52



001F91



000412



# Inverse Universe

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



A53F55



D6385A



88A53F



52494B



91001F



120004



# Previews

## White Background



This preview shows how the Hex color 3F55A5 looks on a white background.

## Color Contrast Check

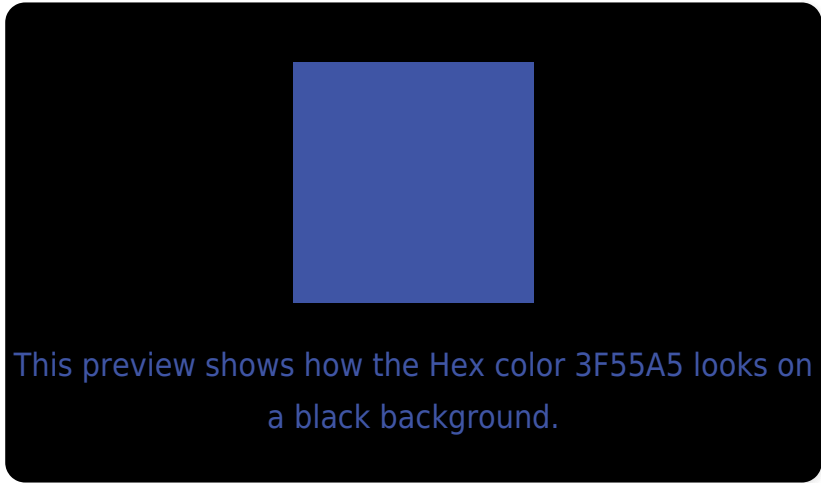
Large Text (above 18pt) WCAG AA ✓ Pass

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 3F55A5 Background



This preview shows how black text looks on a background with the Hex color 3F55A5.

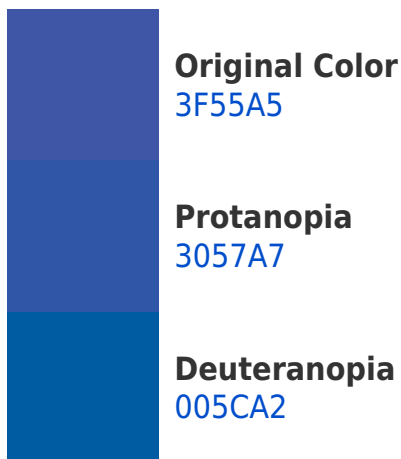


This preview shows how white text looks on a background with the Hex color 3F55A5.

# 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](#).

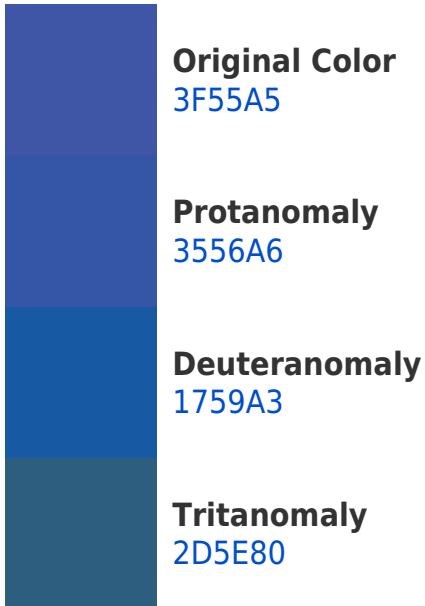
## Dichromacy



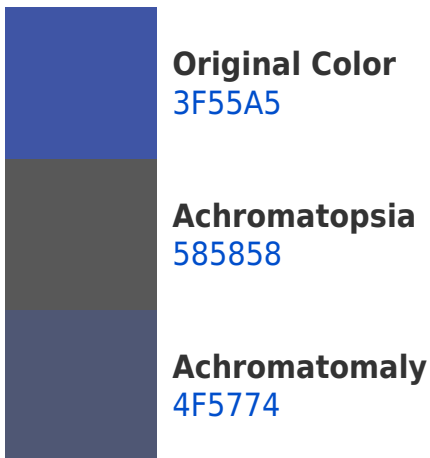


**Tritanopia**  
22636B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3F55A5 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 #3F55A5 looks like.

```
.text, #text, p{  
    color:#3F55A5  
}
```

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 #3F55A5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F55A5
}
```

## Border

The CSS property to change the border of an element to Hex 3F55A5 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
#3F55A5 }
```

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

```
.border{ border-color:#3F55A5 }
```

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

Here you see how a box with a 4 pixel #3F55A5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F55A5; -webkit-box-shadow:4px 4px  
4px 4px #3F55A5; box-shadow:4px 4px 4px  
4px #3F55A5 }
```

# Background

The CSS property to change the background color of an element to Hex 3F55A5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F55A5 }
```

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

```
.background{ background-color:#3F55A5 }
```

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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