

# Converting Colors

Hex(3551A1)

Have a look what the booklet for  
Hex(3551A1) contains.

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# Color

**Hex(3551A1)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3551A1
RGB	53, 81, 161
RGB Percent	21%, 32%, 63%
CMY	0.7922, 0.6824, 0.3686
CMYK	0.67, 0.50, 0.00, 0.37
HSL	224°, 50%, 42%
HSV	224°, 67%, 63%
XYZ	10.8437, 9.2150, 34.9254
YIQ	81.7480, -42.3680, 18.9440

# Conversions

## Conversions Part 2

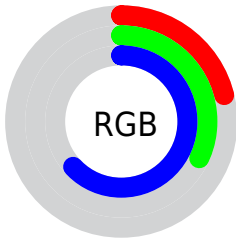
<b>Format</b>	<b>Color</b>
<b>RYB</b>	53, 75, 161
Decimal	3494305
CIELab	36.39, 16.66, -46.57
CIElCh	36, 49.461, 289.686
Yxy	9.2150, 0.1972, 0.1676
Android (android.graphics.Color)	4281684385 (0xFF3551A1)
YUV	81.7480, 39.0712, -25.2120
Hunter-Lab	30.3561, 10.6395, -46.9650




# Details

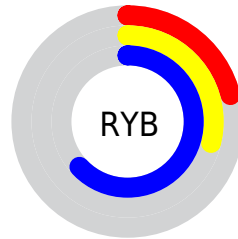
The Hex color **3551A1** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **A18535**, and the grayscale version is **515151**.




A 20% lighter version of the original color is **6F82D8**, and **00256D** is the 20% darker color. If you saturate the color by 10%, you get **2545A1**, and if you desaturate by 10%, it is **455DA1**.

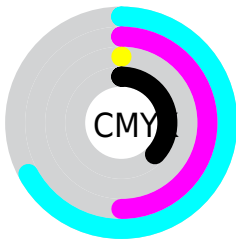
# Distribution







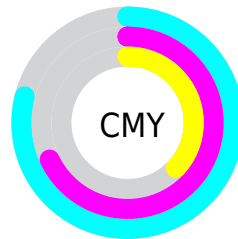
-  Red (21%)
-  Green (32%)
-  Blue (63%)






-  Red (21%)
-  Yellow (29%)
-  Blue (63%)



-  Cyan (67%)
-  Magenta (50%)
-  Yellow (0%)
-  Black (37%)



-  Cyan (79%)
-  Magenta (68%)
-  Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3551A1 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 3551A1 by changing the saturation by 10% instead.



■ 3551A1

■ 3551A1

FFFFFF

■ 0D3A86

■ 6F82D8

■ 00256D

■ 8B9CF5

■ 001254

■ A8B7FF

■ 00053C

■ C5D2FF

■ 000225

■ E2EEFF

■ 00010E

■ 000000

■ 3551A1

■ 3551A1

■ 2545A1

■ 455DA1

■ 1539A1

■ 5569A1

■ 052DA1

■ 6575A1

■ 002AA1

■ 7581A1

■ 868DA1

■ 9699A1

■ A6A4A1

■ B6B0A1

■ C6BCA1

# Harmonies

## Analogous

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



005EA4



3551A1



773E8A

# Triad

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



3551A1



8E3D18



006746

# Complementary

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



3551A1



A18535

# 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.



18631D



3551A1



734F00

# Square

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



3551A1



9B2D3D



4F5C00



00686F

# Rectangle

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



3551A1



8E3172



4F5C00



006638



# Sweetspot

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



3551A1



A7B2D1



35A184



4F5669



E8E8E8



696969



# Same Dimension

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



3551A1



2A55D1



4E35A1



494C52



002691



000512



# Inverse Universe

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



A13551



D12A55



88A135



52494C



910026



120005



# Previews

## White Background



This preview shows how the Hex color 3551A1 looks on a white background.

## Color Contrast Check

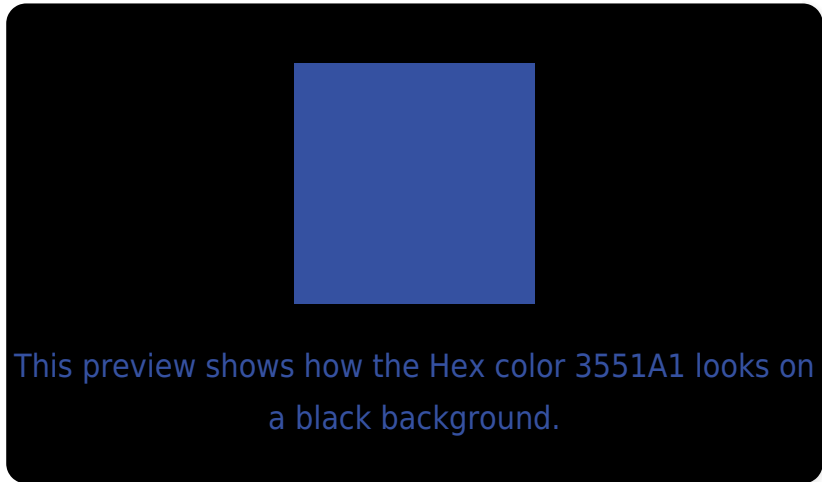
Large Text (above 18pt) WCAG AA ✓ Pass

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

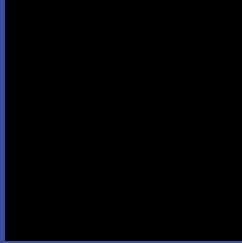
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3551A1 Background



This preview shows how black text looks on a background with the Hex color 3551A1.



This preview shows how white text looks on a background with the Hex color 3551A1.

# 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](#).

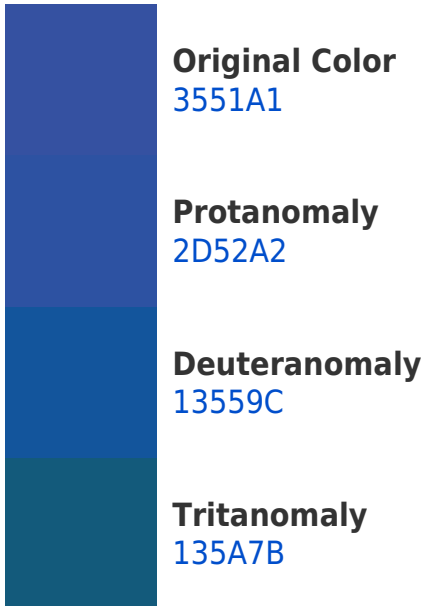
## Dichromacy



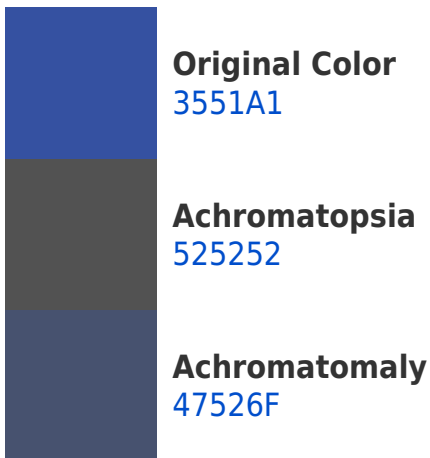


**Tritanopia**  
005F66

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3551A1 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 #3551A1 looks like.

```
.text, #text, p{  
    color:#3551A1  
}
```

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 #3551A1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3551A1
}
```

## Border

The CSS property to change the border of an element to Hex 3551A1 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
#3551A1 }
```

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

```
.border{ border-color:#3551A1 }
```

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

Here you see how a box with a 4 pixel #3551A1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3551A1; -webkit-box-shadow:4px 4px  
4px 4px #3551A1; box-shadow:4px 4px 4px  
4px #3551A1 }
```

# Background

The CSS property to change the background color of an element to Hex 3551A1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3551A1 }
```

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

```
.background{ background-color:#3551A1 }
```

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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