

Converting Colors

Hex(3551A4)

Have a look what the booklet for
Hex(3551A4) contains.

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Color

Hex(3551A4)

Conversions

Conversions Part 1

Format	Color
Hex	3551A4
RGB	53, 81, 164
RGB Percent	21%, 32%, 64%
CMY	0.7922, 0.6824, 0.3569
CMYK	0.68, 0.51, 0.00, 0.36
HSL	225°, 51%, 43%
HSV	225°, 68%, 64%
XYZ	11.1115, 9.3221, 36.3357
YIQ	82.0900, -43.3310, 19.8770

Conversions

Conversions Part 2

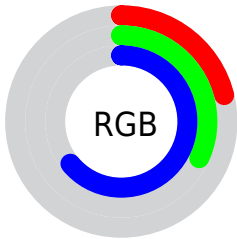
Format	Color
RYB	53, 75, 164
Decimal	3494308
CIELab	36.60, 17.77, -48.04
CIElCh	37, 51.222, 290.300
Yxy	9.3221, 0.1957, 0.1642
Android (android.graphics.Color)	4281684388 (0xFF3551A4)
YUV	82.0900, 40.3816, -25.5119
Hunter-Lab	30.5321, 11.5299, -49.1875

Details

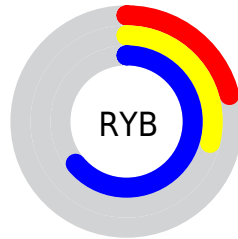
The Hex color **3551A4** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **A48835**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **7082DC**, and **00256F** is the 20% darker color. If you saturate the color by 10%, you get **2545A4**, and if you desaturate by 10%, it is **455DA4**.

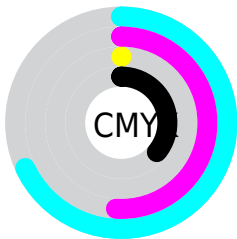
Distribution



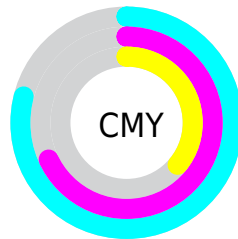
- Red (21%)
- Green (32%)
- Blue (64%)



- Red (21%)
- Yellow (29%)
- Blue (64%)



- Cyan (68%)
- Magenta (51%)
- Yellow (0%)
- Black (36%)



- Cyan (79%)
- Magenta (68%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3551A4 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 3551A4 by changing the saturation by 10% instead.

■ 3551A4

■ 3551A4

FFFFFF

■ 0B3A89

■ 7082DC

■ 00256F

■ 8C9CF8

■ 001256

■ A9B7FF

■ 00043E

■ C6D2FF

■ 000328

■ E3EEFF

■ 000111

■ 000000

■ 3551A4

■ 3551A4

■ 2545A4

■ 455DA4

■ 1438A4

■ 566AA4

■ 042CA4

■ 6676A4

■ 0029A4

■ 7782A4

■ 878EA4

■ 979BA4

■ A8A7A4

■ B8B3A4

■ C9BFA4

Harmonies

Analogous

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



005FA8



3551A4



7A3D8B

Triad

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



3551A4



903D16



006847

Complementary

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



3551A4



A48835

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.



11641C



3551A4



744F00

Square

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



3551A4



9E2B3C



4E5C00



006972

Rectangle

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



3551A4



912F73



4E5C00



006739

Sweetspot

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



3551A4



ABB6D6



35A486



51586B



EBEBEB



6B6B6B

Same Dimension

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



3551A4



2954D6



4F35A4



494B52



002591



000512

Inverse Universe

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



A43551



D62954



8AA435



52494B



910025



120005

Previews

White Background



This preview shows how the Hex color 3551A4 looks on a white background.

Color Contrast Check

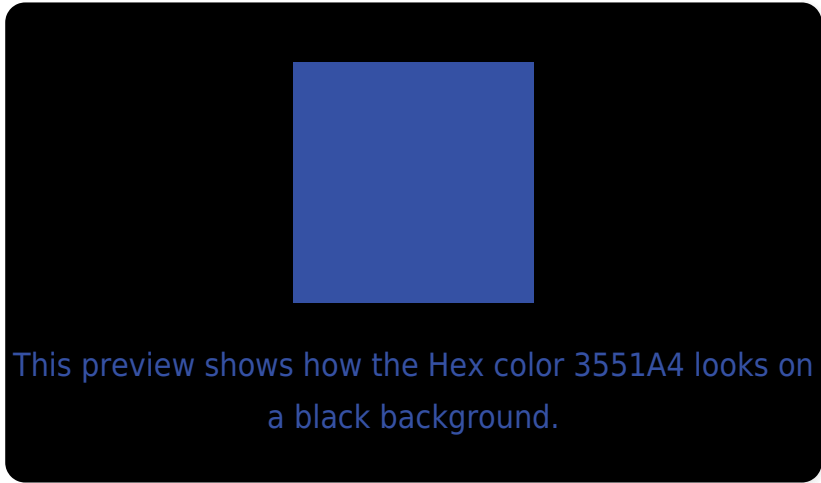
Large Text (above 18pt) WCAG AA ✓ Pass

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 3551A4 Background



This preview shows how black text looks on a background with the Hex color 3551A4.



This preview shows how white text looks on a background with the Hex color 3551A4.

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](#).

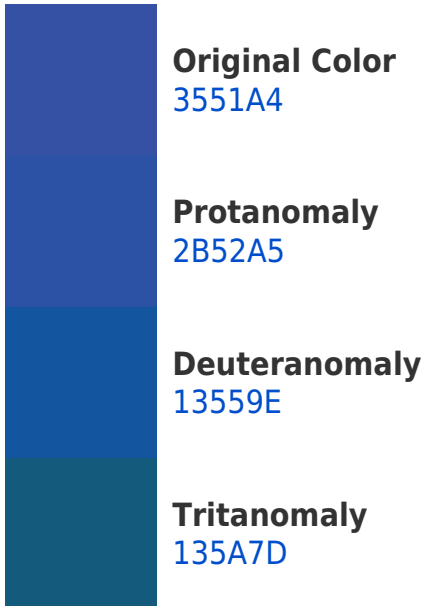
Dichromacy



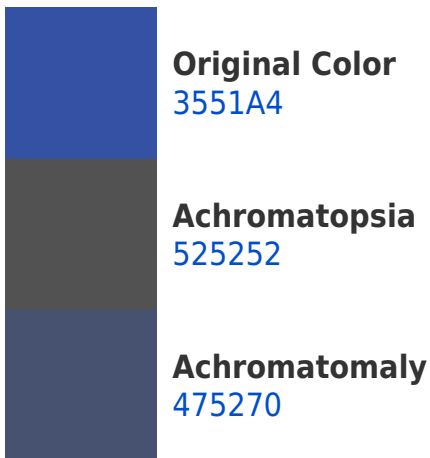


Tritanopia
005F67

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3551A4 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 #3551A4 looks like.

```
.text, #text, p{  
    color:#3551A4  
}
```

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 #3551A4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3551A4  
}
```

Border

The CSS property to change the border of an element to Hex 3551A4 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  
#3551A4 }
```

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

```
.border{ border-color:#3551A4 }
```

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

Here you see how a box with a 4 pixel #3551A4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3551A4; -webkit-box-shadow:4px 4px  
4px 4px #3551A4; box-shadow:4px 4px 4px  
4px #3551A4 }
```

Background

The CSS property to change the background color of an element to Hex 3551A4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3551A4 }
```

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

```
.background{ background-color:#3551A4 }
```

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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