

Converting Colors

Hex(3C55A3)

Have a look what the booklet for
Hex(3C55A3) contains.

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Color

Hex(3C55A3)

Conversions

Conversions Part 1

Format	Color
Hex	3C55A3
RGB	60, 85, 163
RGB Percent	24%, 33%, 64%
CMY	0.7647, 0.6667, 0.3608
CMYK	0.63, 0.48, 0.00, 0.36
HSL	225°, 46%, 44%
HSV	225°, 63%, 64%
XYZ	11.7228, 10.1020, 35.9824
YIQ	86.4170, -39.9380, 18.9580

Conversions

Conversions Part 2

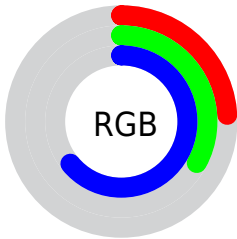
Format	Color
R_{YB}	60, 80, 163
Decimal	3954083
CIE _{Lab}	38.02, 16.02, -45.13
CIE _{LCh}	38, 47.887, 289.545
Yxy	10.1020, 0.2028, 0.1748
Android (android.graphics.Color)	4282144163 (0xFF3C55A3)
YUV	86.4170, 37.7554, -23.1677
Hunter-Lab	31.7836, 10.2152, -44.8738

Details

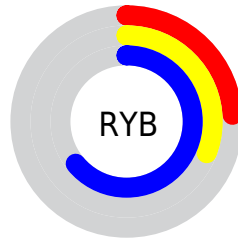
The Hex color **3C55A3** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **A38A3C**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **7586DA**, and **00296F** is the 20% darker color. If you saturate the color by 10%, you get **2C49A3**, and if you desaturate by 10%, it is **4C61A3**.

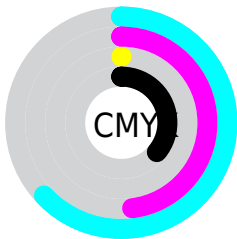
Distribution



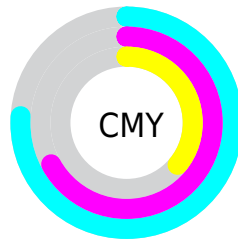
- Red (24%)
- Green (33%)
- Blue (64%)



- Red (24%)
- Yellow (31%)
- Blue (64%)



- Cyan (63%)
- Magenta (48%)
- Yellow (0%)
- Black (36%)



- Cyan (76%)
- Magenta (67%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3C55A3 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 3C55A3 by changing the saturation by 10% instead.

■ 3C55A3

■ 3C55A3

FFFFFF

■ 1A3E88

■ 7586DA

■ 00296F

■ 91A0F7

■ 001556

■ ADBBFF

■ 00003E

■ CAD7FF

■ 000327

■ E7F3FF

■ 000110

■ 000000

■ 3C55A3

■ 3C55A3

■ 2C49A3

■ 4C61A3

■ 1B3CA3

■ 5D6EA3

■ 0B30A3

■ 6D7AA3

■ 0028A3

■ 7D86A3

■ 8D93A3

■ 9E9FA3

■ AEABA3

■ BEB8A3

■ CFC4A3

Harmonies

Analogous

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



0062A6



3C55A3



7A438C

Triad

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



3C55A3



92421F



006B4A

Complementary

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



3C55A3



A38A3C

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.



216723



3C55A3



775300

Square

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



3C55A3



9E3442



545F00



006B72

Rectangle

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



3C55A3



913875



545F00



006A3D

Sweetspot

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



3C55A3



ABB5D4



3CA389



52586B



EBEBEB



6B6B6B

Same Dimension

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



3C55A3



335AD4



563CA3



494B52



002391



000412

Inverse Universe

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



A33C55



D4335A



89A33C



52494B



910023



120004

Previews

White Background



This preview shows how the Hex color 3C55A3 looks on a white background.

Color Contrast Check

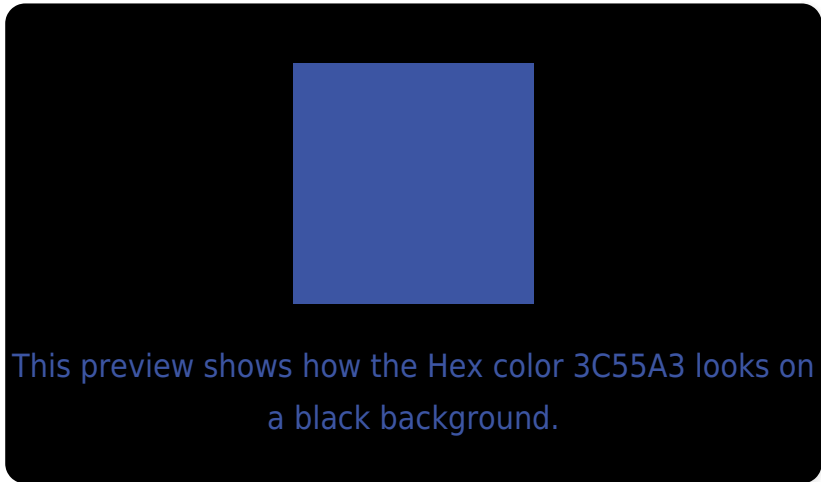
Large Text (above 18pt) WCAG AA ✓ Pass

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

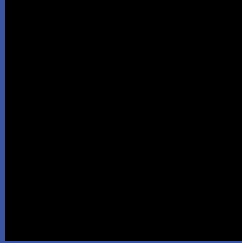
Any Text WCAG AA × Fail

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 3C55A3 Background



This preview shows how black text looks on a background with the Hex color 3C55A3.

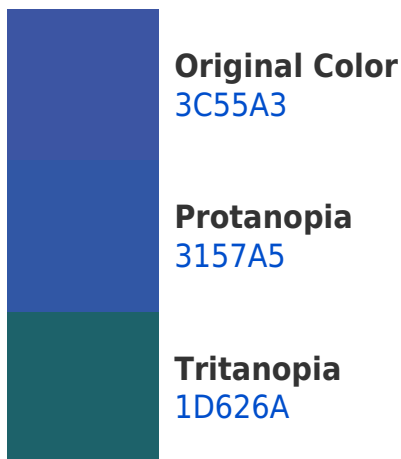


This preview shows how white text looks on a background with the Hex color 3C55A3.

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



Trichromacy



Original Color
3C55A3

Protanomaly
3556A4

Tritanomaly
285D7F

Monochromacy



Original Color
3C55A3

Achromatopsia
565656

Achromatomaly
4D5672

CSS Examples

Text

The CSS property to change the color of the text to Hex 3C55A3 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 #3C55A3 looks like.

```
.text, #text, p{  
    color:#3C55A3  
}
```

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 #3C55A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C55A3
}
```

Border

The CSS property to change the border of an element to Hex 3C55A3 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
#3C55A3 }
```

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

```
.border{ border-color:#3C55A3 }
```

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

Here you see how a box with a 4 pixel #3C55A3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C55A3; -webkit-box-shadow:4px 4px  
4px 4px #3C55A3; box-shadow:4px 4px 4px  
4px #3C55A3 }
```

Background

The CSS property to change the background color of an element to Hex 3C55A3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C55A3 }
```

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

```
.background{ background-color:#3C55A3 }
```

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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