

Converting Colors

Hex(3C6DA7)

Have a look what the booklet for
Hex(3C6DA7) contains.

Hex(3C6DA7)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(3C6DA7)

Conversions

Conversions Part 1

Format	Color
Hex	3C6DA7
RGB	60, 109, 167
RGB Percent	24%, 43%, 65%
CMY	0.7647, 0.5725, 0.3451
CMYK	0.64, 0.35, 0.00, 0.35
HSL	213°, 47%, 45%
HSV	213°, 64%, 65%
XYZ	14.3072, 14.6880, 38.6402
YIQ	100.9610, -47.8220, 7.6500

Conversions

Conversions Part 2

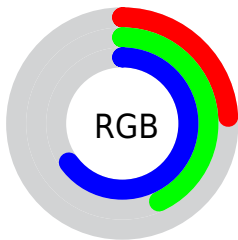
Format	Color
RYB	60, 94, 167
Decimal	3960231
CIELab	45.20, 2.17, -36.07
CIELCh	45, 36.139, 273.436
Yxy	14.6880, 0.2115, 0.2172
Android (android.graphics.Color)	4282150311 (0xFF3C6DA7)
YUV	100.9610, 32.5572, -35.9228
Hunter-Lab	38.3249, -0.4322, -32.9504

Details

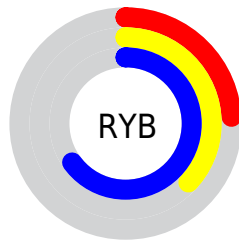
The Hex color **3C6DA7** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **A7763C**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **75A0DE**, and **003E73** is the 20% darker color. If you saturate the color by 10%, you get **2B64A7**, and if you desaturate by 10%, it is **4D76A7**.

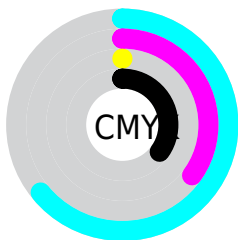
Distribution



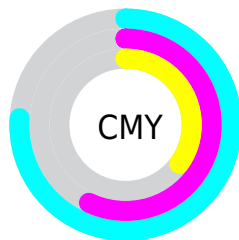
- Red (24%)
- Green (43%)
- Blue (65%)



- Red (24%)
- Yellow (37%)
- Blue (65%)



- Cyan (64%)
- Magenta (35%)
- Yellow (0%)
- Black (35%)



- Cyan (76%)
- Magenta (57%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3C6DA7 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 3C6DA7 by changing the saturation by 10% instead.

■ 3C6DA7

■ 3C6DA7

FFFFFF

■ 1A558C

■ 75A0DE

■ 003E73

■ 91BBFB

■ 00295A

■ AED7FF

■ 001442

■ CBF3FF

■ 00032B

■ E8FFFF

■ 000116

■ 000000

■ 3C6DA7

■ 3C6DA7

■ 2B64A7

■ 4D76A7

■ 1B5BA7

■ 5D7FA7

■ 0A52A7

■ 6E88A7

■ 004CA7

■ 7F91A7

■ 8F9AA7

■ A0A3A7

■ B1ACA7

■ C2B5A7

■ D2BEA7

Harmonies

Analogous

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



0075A0



3C6DA7



72629D

Triad

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



3C6DA7



A1554B



32784F

Complementary

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



3C6DA7



A7763C

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.



5A7337



3C6DA7



926035

Square

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



3C6DA7



A35169



796A2D



007A6E

Rectangle

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



3C6DA7



8A5A8F



796A2D



417746

Sweetspot

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



3C6DA7



B0C2D9



3CA775



54606E



EDEDED



6E6E6E

Same Dimension

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



3C6DA7



327ED9



403CA7



4C5054



004494



000914

Inverse Universe

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



A73C6D



D9327E



A3A73C



544C50



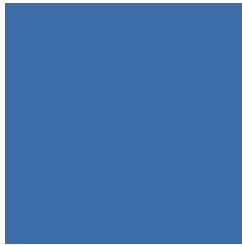
940044



140009

Previews

White Background



This preview shows how the Hex color 3C6DA7 looks on a white background.

Color Contrast Check

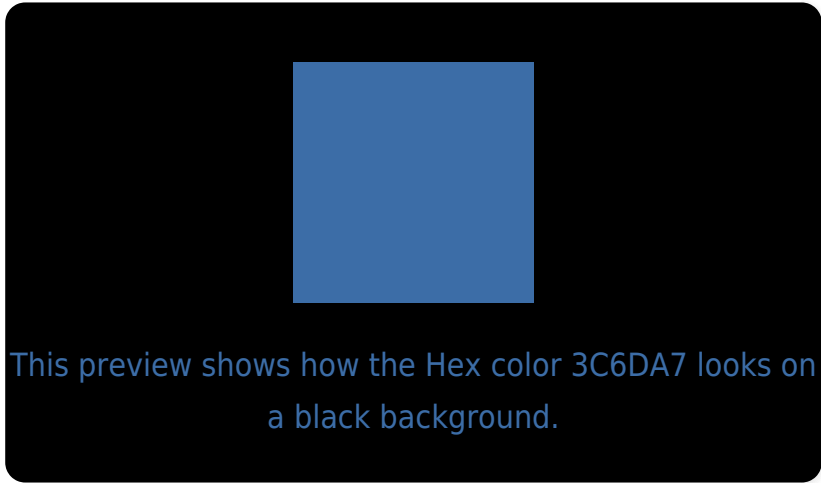
Large Text (above 18pt) WCAG AA ✓ Pass

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

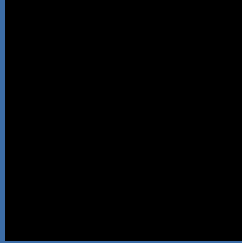
Any Text WCAG AA × Fail

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 3C6DA7 Background



This preview shows how black text looks on a background with the Hex color 3C6DA7.

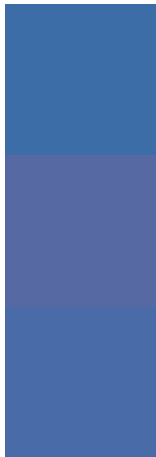


This preview shows how white text looks on a background with the Hex color 3C6DA7.

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



Original Color
3C6DA7

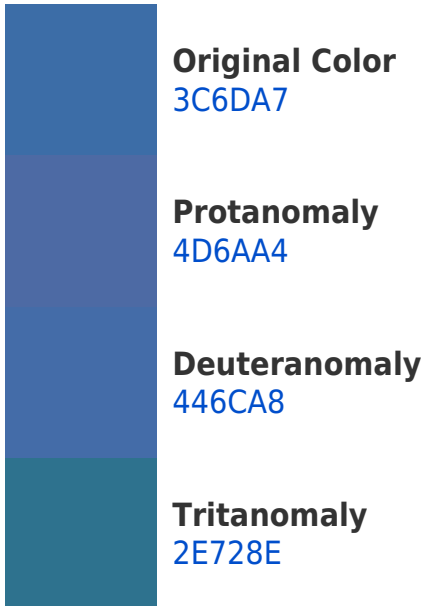
Protanopia
5669A3

Deuteranopia
496BA8

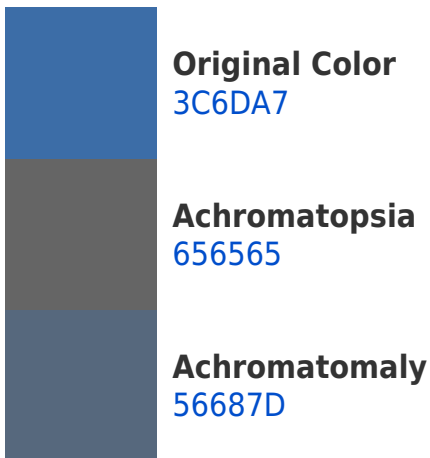


Tritanopia
26757F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3C6DA7 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 #3C6DA7 looks like.

```
.text, #text, p{  
    color:#3C6DA7  
}
```

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 #3C6DA7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C6DA7  
}
```

Border

The CSS property to change the border of an element to Hex 3C6DA7 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  
#3C6DA7 }
```

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

```
.border{ border-color:#3C6DA7 }
```

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

Here you see how a box with a 4 pixel #3C6DA7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C6DA7; -webkit-box-shadow:4px 4px  
4px 4px #3C6DA7; box-shadow:4px 4px 4px  
4px #3C6DA7 }
```

Background

The CSS property to change the background color of an element to Hex 3C6DA7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C6DA7 }
```

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

```
.background{ background-color:#3C6DA7 }
```

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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