

Converting Colors

Hex(3C5497)

Have a look what the booklet for
Hex(3C5497) contains.

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Color

Hex(3C5497)

Conversions

Conversions Part 1

Format	Color
Hex	3C5497
RGB	60, 84, 151
RGB Percent	24%, 33%, 59%
CMY	0.7647, 0.6706, 0.4078
CMYK	0.60, 0.44, 0.00, 0.41
HSL	224°, 43%, 41%
HSV	224°, 60%, 59%
XYZ	10.6197, 9.5357, 30.5590
YIQ	84.4620, -35.8110, 15.7490

Conversions

Conversions Part 2

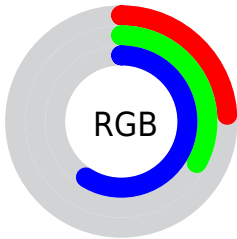
Format	Color
RYB	60, 79, 151
Decimal	3953815
CIELab	37.00, 12.39, -39.57
CIElCh	37, 41.468, 287.386
Yxy	9.5357, 0.2094, 0.1880
Android (android.graphics.Color)	4282143895 (0xFF3C5497)
YUV	84.4620, 32.8032, -21.4532
Hunter-Lab	30.8799, 7.3471, -37.0580

Details

The Hex color **3C5497** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **977F3C**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **7385CE**, and **002863** is the 20% darker color. If you saturate the color by 10%, you get **2D4997**, and if you desaturate by 10%, it is **4B5F97**.

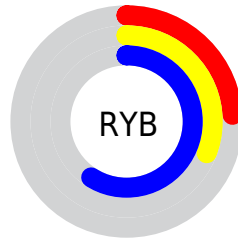
Distribution



Red (24%)

Green (33%)

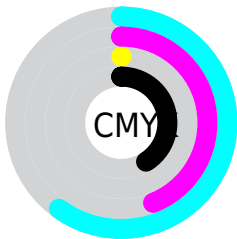
Blue (59%)



Red (24%)

Yellow (31%)

Blue (59%)

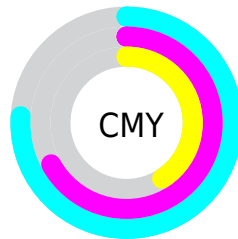


Cyan (60%)

Magenta (44%)

Yellow (0%)

Black (41%)



Cyan (76%)

Magenta (67%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3C5497 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 3C5497 by changing the saturation by 10% instead.

■ 3C5497

■ 3C5497

FFFFFF

■ 1D3D7D

■ 7385CE

■ 002863

■ 8F9FEA

■ 00144B

■ AABAFF

■ 000434

■ C7D6FF

■ 00021E

■ E4F2FF

■ 000000

■ 3C5497

■ 3C5497

■ 2D4997

■ 4B5F97

■ 1E3E97

■ 5A6A97

0F3397

697597

002897

788097

888C97

979797

A6A297

B5AD97

C4B897

Harmonies

Analogous

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



005F98



3C5497



714685

Triad

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



3C5497



8A4327



006647

Complementary

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



3C5497



977F3C

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.



2E6227



3C5497



745010

Square

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



3C5497



943845



565B0F



00676A

Rectangle

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



3C5497



863D71



565B0F



00653C

Sweetspot

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



3C5497



A1AAC4



3C977F



4E5363



E3E3E3



636363

Same Dimension

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



3C5497



375CC4



513C97



45474D



00258C



00030D

Inverse Universe

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



973C54



C4375C



82973C



4D4547



8C0025



0D0003

Previews

White Background



This preview shows how the Hex color 3C5497 looks on a white background.

Color Contrast Check

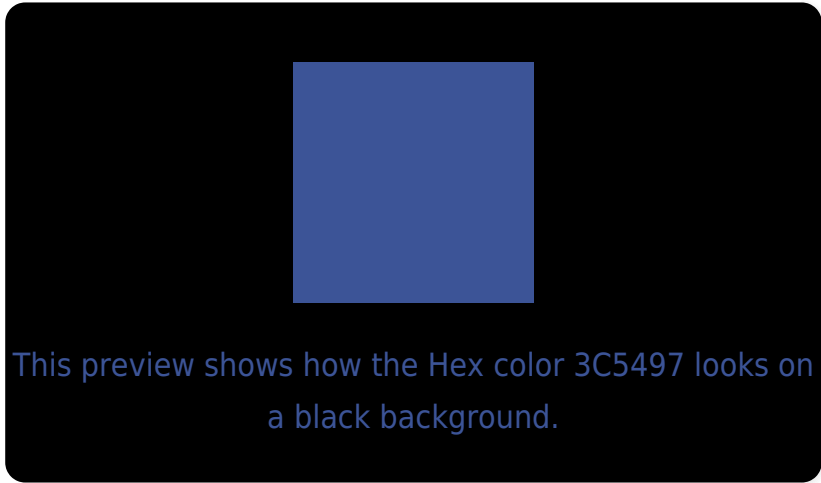
Large Text (above 18pt) WCAG AA ✓ Pass

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 3C5497 Background



This preview shows how black text looks on a background with the Hex color 3C5497.



This preview shows how white text looks on a background with the Hex color 3C5497.

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
3C5497

Protanopia
385598

Deuteranopia
255896



Tritanopia
265F67

Trichromacy



Original Color
3C5497

Protanomaly
395598

Deuteranomaly
2D5796

Tritanomaly
2E5B78

Monochromacy



Original Color
3C5497

Achromatopsia
545454

Achromatomaly
4B546C

CSS Examples

Text

The CSS property to change the color of the text to Hex 3C5497 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 #3C5497 looks like.

```
.text, #text, p{  
    color:#3C5497  
}
```

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 #3C5497 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C5497
}
```

Border

The CSS property to change the border of an element to Hex 3C5497 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
#3C5497 }
```

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

```
.border{ border-color:#3C5497 }
```

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

Here you see how a box with a 4 pixel #3C5497 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C5497; -webkit-box-shadow:4px 4px  
4px 4px #3C5497; box-shadow:4px 4px 4px  
4px #3C5497 }
```

Background

The CSS property to change the background color of an element to Hex 3C5497 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C5497 }
```

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

```
.background{ background-color:#3C5497 }
```

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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