

Converting Colors

Hex(3C5D93)

Have a look what the booklet for
Hex(3C5D93) contains.

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Color

Hex(3C5D93)

Conversions

Conversions Part 1

Format	Color
Hex	3C5D93
RGB	60, 93, 147
RGB Percent	24%, 36%, 58%
CMY	0.7647, 0.6353, 0.4235
CMYK	0.59, 0.37, 0.00, 0.42
HSL	217°, 42%, 41%
HSV	217°, 59%, 58%
XYZ	11.0443, 10.8959, 29.1248
YIQ	89.2890, -37.0020, 9.7980

Conversions

Conversions Part 2

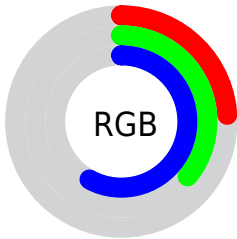
Format	Color
R_{YB}	60, 84, 147
Decimal	3956115
CIE Lab	39.40, 5.18, -33.34
CIE LCh	39, 33.738, 278.824
Yxy	10.8959, 0.2163, 0.2134
Android (android.graphics.Color)	4282146195 (0xFF3C5D93)
YUV	89.2890, 28.4515, -25.6865
Hunter-Lab	33.0090, 1.9575, -29.2070

Details

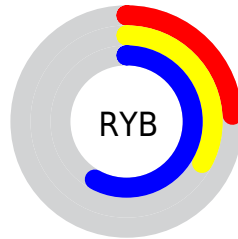
The Hex color **3C5D93** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **93723C**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **728FC9**, and **003060** is the 20% darker color. If you saturate the color by 10%, you get **2D5493**, and if you desaturate by 10%, it is **4B6693**.

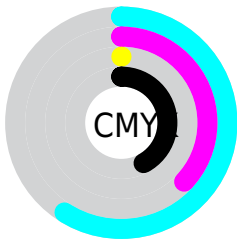
Distribution



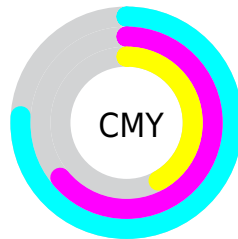
- Red (24%)
- Green (36%)
- Blue (58%)



- Red (24%)
- Yellow (33%)
- Blue (58%)



- Cyan (59%)
- Magenta (37%)
- Yellow (0%)
- Black (42%)



- Cyan (76%)
- Magenta (64%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3C5D93 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 3C5D93 by changing the saturation by 10% instead.

■ 3C5D93

■ 3C5D93

FFFFFF

■ 1E4679

■ 728FC9

■ 003060

■ 8EA9E6

■ 001B48

■ A9C5FF

■ 000231

■ C6E0FF

■ 00011B

■ E2FDFF

■ 000000

■ 3C5D93

■ 3C5D93

■ 2D5493

■ 4B6693

■ 1F4B93

■ 596F93

■ 104293

■ 687893

■ 013993

■ 778193

■ 003893

■ 858B93

■ 949493

■ A39D93

■ B2A693

■ C0AF93

Harmonies

Analogous

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



006590



3C5D93



6A5288

Triad

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



3C5D93



8C4B3C



1E6948

Complementary

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



3C5D93



93723C

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.



486530



3C5D93



7D5429

Square

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



3C5D93



904556



655E24



006B64

Rectangle

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



3C5D93



7E4B7A



655E24



2F683F

Sweetspot

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



3C5D93



9DAABF



3C9372



4C5461



E0E0E0



616161

Same Dimension

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



3C5D93



376BBF



463C93



43454A



00348A



00040A

Inverse Universe

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



933C5D



BF376B



89933C



4A4345



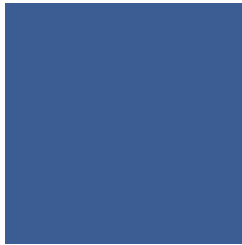
8A0034



0A0004

Previews

White Background



This preview shows how the Hex color 3C5D93 looks on a white background.

Color Contrast Check

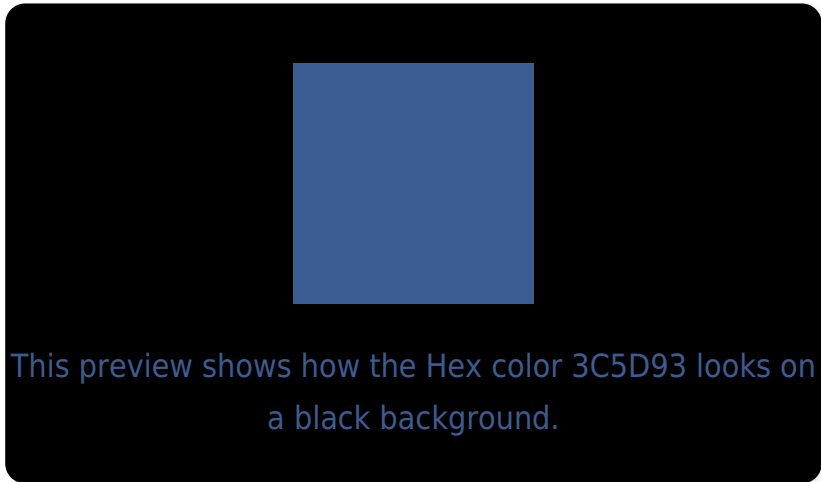
Large Text (above 18pt) WCAG AA ✓ Pass

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 3C5D93 Background



This preview shows how black text looks on a background with the Hex color 3C5D93.



This preview shows how white text looks on a background with the Hex color 3C5D93.

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
3C5D93

Protanopia
485B91

Deuteranopia
3E5D93



Tritanopia
2B656D

Trichromacy



Original Color
3C5D93

Protanomaly
445C92

Deuteranomaly
3D5D93

Tritanomaly
31627B

Monochromacy



Original Color
3C5D93

Achromatopsia
595959

Achromatomaly
4E5A6E

CSS Examples

Text

The CSS property to change the color of the text to Hex 3C5D93 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 #3C5D93 looks like.

```
.text, #text, p{  
    color:#3C5D93  
}
```

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 #3C5D93 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C5D93
}
```

Border

The CSS property to change the border of an element to Hex 3C5D93 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
#3C5D93 }
```

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

```
.border{ border-color:#3C5D93 }
```

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

Here you see how a box with a 4 pixel #3C5D93 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C5D93; -webkit-box-shadow:4px 4px  
4px 4px #3C5D93; box-shadow:4px 4px 4px  
4px #3C5D93 }
```

Background

The CSS property to change the background color of an element to Hex 3C5D93 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C5D93 }
```

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

```
.background{ background-color:#3C5D93 }
```

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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