

Converting Colors

Hex(3A5D95)

Have a look what the booklet for
Hex(3A5D95) contains.

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Color

Hex(3A5D95)

Conversions

Conversions Part 1

Format	Color
Hex	3A5D95
RGB	58, 93, 149
RGB Percent	23%, 36%, 58%
CMY	0.7725, 0.6353, 0.4157
CMYK	0.61, 0.38, 0.00, 0.42
HSL	217°, 44%, 41%
HSV	217°, 61%, 58%
XYZ	11.0841, 10.8982, 29.9531
YIQ	88.9190, -38.8360, 9.9960

Conversions

Conversions Part 2

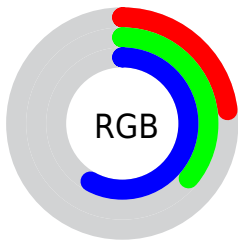
Format	Color
R_{YB}	58, 83, 149
Decimal	3825045
CIE _{Lab}	39.41, 5.45, -34.54
CIE _{LCh}	39, 34.970, 278.969
Yxy	10.8982, 0.2134, 0.2098
Android (android.graphics.Color)	4282015125 (0xFF3A5D95)
YUV	88.9190, 29.6199, -27.1160
Hunter-Lab	33.0124, 2.1607, -30.6870

Details

The Hex color **3A5D95** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **95723A**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **718FCB**, and **003062** is the 20% darker color. If you saturate the color by 10%, you get **2B5495**, and if you desaturate by 10%, it is **496695**.

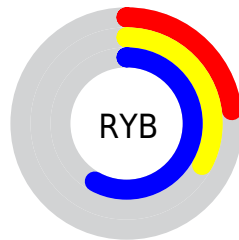
Distribution



Red (23%)

Green (36%)

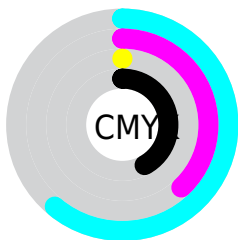
Blue (58%)



Red (23%)

Yellow (33%)

Blue (58%)

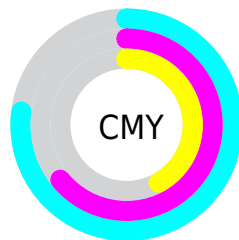


Cyan (61%)

Magenta (38%)

Yellow (0%)

Black (42%)



Cyan (77%)

Magenta (64%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A5D95 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 3A5D95 by changing the saturation by 10% instead.

■ 3A5D95

■ 3A5D95

FFFFFF

■ 1B467B

■ 718FCB

■ 003062

■ 8CA9E8

■ 001B4A

■ A8C5FF

■ 000233

■ C5E0FF

■ 00021D

■ E1FDFF

■ 000000

■ 3A5D95

■ 3A5D95

■ 2B5495

■ 496695

■ 1C4B95

■ 586F95

0D4195

677995

003995

768295

848B95

939495

A29D95

B1A695

C0B095

Harmonies

Analogous

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



006592



3A5D95



6A5289

Triad

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



3A5D95



8E4A3A



196A47

Complementary

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



3A5D95



95723A

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.



46652F



3A5D95



7E5427

Square

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



3A5D95



924455



655E22



006B65

Rectangle

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



3A5D95



7F4B7B



655E22



2C693E

Sweetspot

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



3A5D95



9FACC2



3A9571



4C5461



E0E0E0



616161

Same Dimension

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



3A5D95



346BC2



433A95



43454A



00358A



00040A

Inverse Universe

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



953A5D



C2346B



8C953A



4A4345



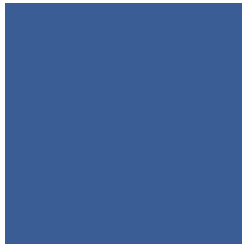
8A0035



0A0004

Previews

White Background



This preview shows how the Hex color 3A5D95 looks on a white background.

Color Contrast Check

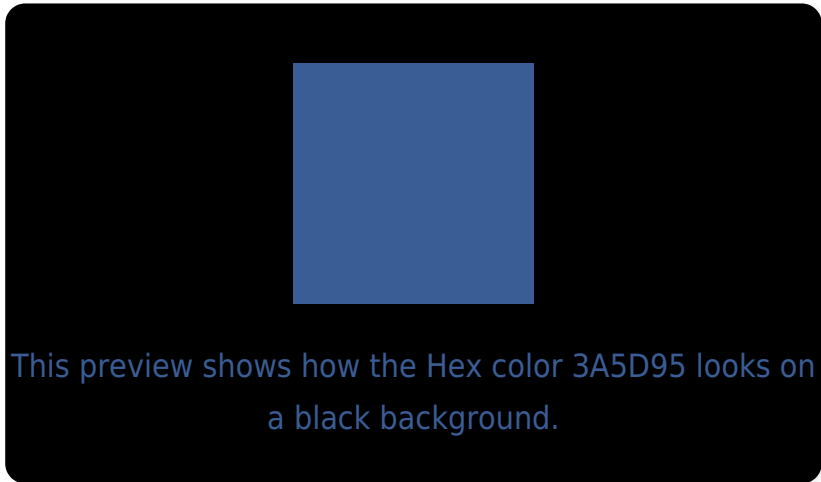
Large Text (above 18pt) WCAG AA ✓ Pass

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 3A5D95 Background



This preview shows how black text looks on a background with the Hex color 3A5D95.



This preview shows how white text looks on a background with the Hex color 3A5D95.

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
3A5D95

Protanopia
475B93

Deuteranopia
3B5D95



Tritanopia
27656D

Trichromacy



Original Color
3A5D95

Protanomaly
425C94

Deuteranomaly
3B5D95

Tritanomaly
2E627C

Monochromacy



Original Color
3A5D95

Achromatopsia
595959

Achromatomaly
4E5A6F

CSS Examples

Text

The CSS property to change the color of the text to Hex 3A5D95 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 #3A5D95 looks like.

```
.text, #text, p{  
    color:#3A5D95  
}
```

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 #3A5D95 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A5D95
}
```

Border

The CSS property to change the border of an element to Hex 3A5D95 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
#3A5D95 }
```

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

```
.border{ border-color:#3A5D95 }
```

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

Here you see how a box with a 4 pixel #3A5D95 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A5D95; -webkit-box-shadow:4px 4px  
4px 4px #3A5D95; box-shadow:4px 4px 4px  
4px #3A5D95 }
```

Background

The CSS property to change the background color of an element to Hex 3A5D95 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A5D95 }
```

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

```
.background{ background-color:#3A5D95 }
```

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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