

Converting Colors

Hex(3A5789)

Have a look what the booklet for
Hex(3A5789) contains.

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Color

Hex(3A5789)

Conversions

Conversions Part 1

Format	Color
Hex	3A5789
RGB	58, 87, 137
RGB Percent	23%, 34%, 54%
CMY	0.7725, 0.6588, 0.4627
CMYK	0.58, 0.36, 0.00, 0.46
HSL	218°, 41%, 38%
HSV	218°, 58%, 54%
XYZ	9.6685, 9.5221, 24.9953
YIQ	84.0290, -33.3340, 9.4020

Conversions

Conversions Part 2

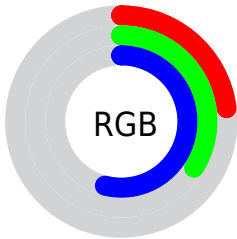
Format	Color
R_{YB}	58, 79, 137
Decimal	3823497
CIE _{Lab}	36.97, 5.08, -31.13
CIE _{LCh}	37, 31.544, 279.273
Yxy	9.5221, 0.2188, 0.2155
Android (android.graphics.Color)	4282013577 (0xFF3A5789)
YUV	84.0290, 26.1147, -22.8274
Hunter-Lab	30.8579, 1.9269, -26.4252

Details

The Hex color **3A5789** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **896C3A**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **6F89BF**, and **002A57** is the 20% darker color. If you saturate the color by 10%, you get **2C4E89**, and if you desaturate by 10%, it is **486089**.

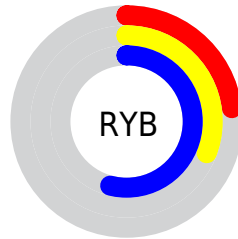
Distribution



Red (23%)

Green (34%)

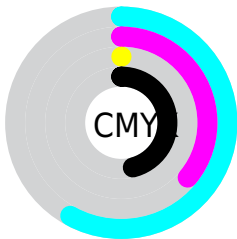
Blue (54%)



Red (23%)

Yellow (31%)

Blue (54%)

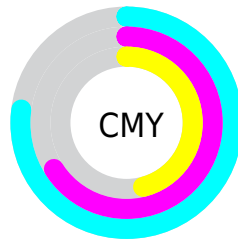


Cyan (58%)

Magenta (36%)

Yellow (0%)

Black (46%)



Cyan (77%)

Magenta (66%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A5789 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 3A5789 by changing the saturation by 10% instead.

■ 3A5789

■ 3A5789

FFFFFF

■ 1D406F

■ 6F89BF

■ 002A57

■ 8AA3DB

■ 00163F

■ A6BEF7

■ 000329

■ C2D9FF

■ 000113

■ DEF6FF

■ 000000

■ FCFFFF

■ 3A5789

■ 3A5789

■ 2C4E89

■ 486089

■ 1F4689

■ 556889

■ 113D89

■ 637189

■ 033489

■ 717A89

■ 003289

■ 7E8289

■ 8C8B89

■ 9A9489

■ A89C89

■ B5A589

Harmonies

Analogous

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



005E86



3A5789



634D7E

Triad

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



3A5789



834638



1D6344

Complementary

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



3A5789



896C3A

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.



435F2E



3A5789



744F27

Square

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



3A5789



874150



5E5823



00645E

Rectangle

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



3A5789



764771



5E5823



2C623C

Sweetspot

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



3A5789



949FB3



3A896B



474E59



D9D9D9



595959

Same Dimension

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



3A5789



3765B3



433A89



3E4045



003185



000205

Inverse Universe

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



893A57



B33765



80893A



453E40



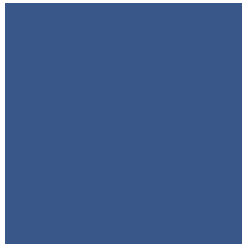
850031



050002

Previews

White Background



This preview shows how the Hex color 3A5789 looks on a white background.

Color Contrast Check

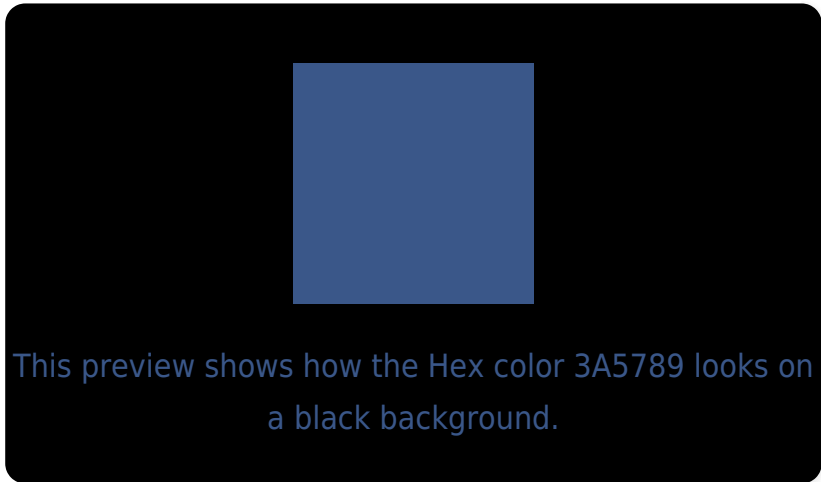
Large Text (above 18pt) WCAG AA ✓ Pass

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 3A5789 Background



This preview shows how black text looks on a background with the Hex color 3A5789.



This preview shows how white text looks on a background with the Hex color 3A5789.

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
3A5789

Protanopia
445587

Deuteranopia
3B5789



Tritanopia
2C5E66

Trichromacy



Original Color
3A5789

Protanomaly
405688

Deuteranomaly
3B5789

Tritanomaly
315B73

Monochromacy



Original Color
3A5789

Achromatopsia
545454

Achromatomaly
4B5567

CSS Examples

Text

The CSS property to change the color of the text to Hex 3A5789 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 #3A5789 looks like.

```
.text, #text, p{  
    color:#3A5789  
}
```

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 #3A5789 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A5789
}
```

Border

The CSS property to change the border of an element to Hex 3A5789 is called "border". The border property can be set on classes, ids or directly on the HTML element.

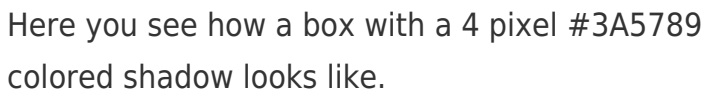
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3A5789 }
```

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

```
.border{ border-color:#3A5789 }
```

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



Here you see how a box with a 4 pixel #3A5789 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A5789; -webkit-box-shadow:4px 4px  
4px 4px #3A5789; box-shadow:4px 4px 4px  
4px #3A5789 }
```

Background

The CSS property to change the background color of an element to Hex 3A5789 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A5789 }
```

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

```
.background{ background-color:#3A5789 }
```

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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