

Converting Colors

Hex(3B82A5)

Have a look what the booklet for
Hex(3B82A5) contains.

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Color

Hex(3B82A5)

Conversions

Conversions Part 1

Format	Color
Hex	3B82A5
RGB	59, 130, 165
RGB Percent	23%, 51%, 65%
CMY	0.7686, 0.4902, 0.3529
CMYK	0.64, 0.21, 0.00, 0.35
HSL	200°, 47%, 44%
HSV	200°, 64%, 65%
XYZ	16.5778, 19.6117, 38.5090
YIQ	112.7610, -53.5510, -4.1670

Conversions

Conversions Part 2

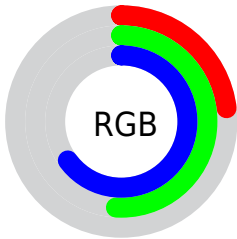
Format	Color
RYB	59, 102, 165
Decimal	3900069
CIELab	51.40, -11.14, -25.24
CIELCh	51, 27.586, 246.192
Yxy	19.6117, 0.2219, 0.2625
Android (android.graphics.Color)	4282090149 (0xFF3B82A5)
YUV	112.7610, 25.7538, -47.1484
Hunter-Lab	44.2851, -10.6787, -20.5573

Details

The Hex color **3B82A5** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **A55E3B**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **75B7DC**, and **005171** is the 20% darker color. If you saturate the color by 10%, you get **2A7DA5**, and if you desaturate by 10%, it is **4B87A5**.

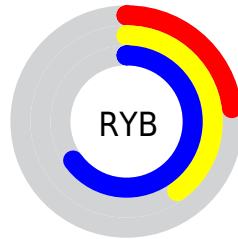
Distribution



Red (23%)

Green (51%)

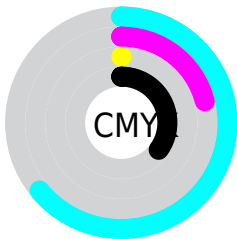
Blue (65%)



Red (23%)

Yellow (40%)

Blue (65%)

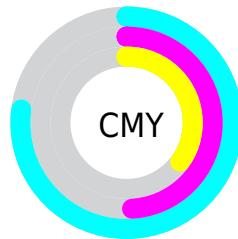


Cyan (64%)

Magenta (21%)

Yellow (0%)

Black (35%)



Cyan (77%)

Magenta (49%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B82A5 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 3B82A5 by changing the saturation by 10% instead.



3B82A5



3B82A5

FFFFFF



17698B



75B7DC



005171



91D3F9



003A58



ADEFFF



002441



CAFFFF



000D2B



E8FFFF



000115



000000



3B82A5



3B82A5



2A7DA5



4B87A5

■ 1A77A5

■ 5C8DA5

■ 0972A5

■ 6C92A5

■ 006FA5

■ 7D98A5

■ 8D9DA5

■ 9EA3A5

■ AEA8A5

■ BFAEA5

■ CFB3A5

Harmonies

Analogous

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



228695



3B82A5



617BA9

Triad

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



3B82A5



A86876



6C8154

Complementary

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



3B82A5



A55E3B

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.



867B4B



3B82A5



A76B60

Square

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



3B82A5



9C6B8E



9A7350



508667

Rectangle

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



3B82A5



7975A5



9A7350



757F4F

Sweetspot

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



3B82A5



AEC9D6



3BA55D



52636B



EBEBEB



6B6B6B

Same Dimension

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



3B82A5



31A0D6



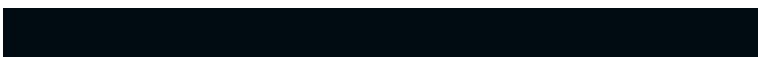
3B4EA5



494F52



006191



000C12

Inverse Universe

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



A53B82



D631A0



A5923B



52494F



910061



12000C

Previews

White Background



This preview shows how the Hex color 3B82A5 looks on a white background.

Color Contrast Check

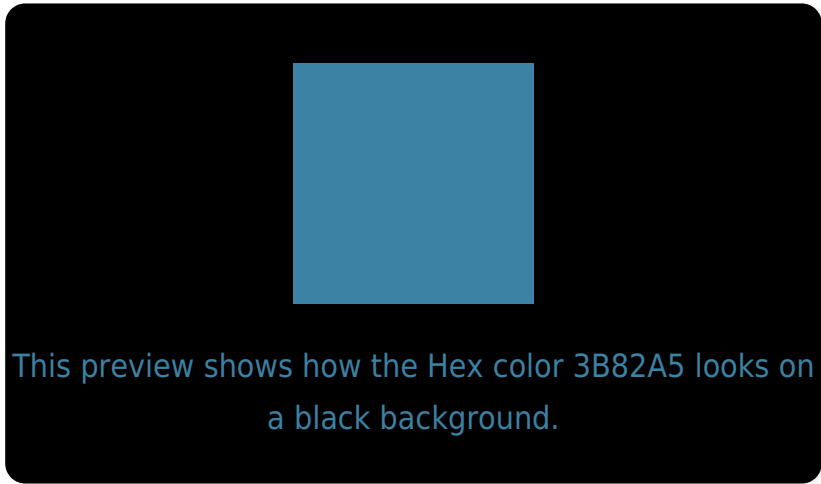
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

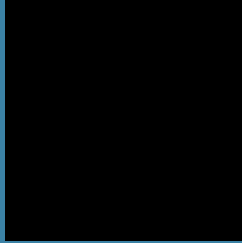
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 3B82A5 Background



This preview shows how black text looks on a background with the Hex color 3B82A5.



This preview shows how white text looks on a background with the Hex color 3B82A5.

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





Tritanopia
308690

Trichromacy



Original Color
3B82A5

Protanomaly
5D7CA1

Deuteranomaly
5A7CA6

Tritanomaly
348598

Monochromacy



Original Color
3B82A5

Achromatopsia
717171

Achromatomaly
5D7784

CSS Examples

Text

The CSS property to change the color of the text to Hex 3B82A5 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 #3B82A5 looks like.

```
.text, #text, p{  
    color:#3B82A5  
}
```

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 #3B82A5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B82A5
}
```

Border

The CSS property to change the border of an element to Hex 3B82A5 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
#3B82A5 }
```

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

```
.border{ border-color:#3B82A5 }
```

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

Here you see how a box with a 4 pixel #3B82A5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B82A5; -webkit-box-shadow:4px 4px  
4px 4px #3B82A5; box-shadow:4px 4px 4px  
4px #3B82A5 }
```

Background

The CSS property to change the background color of an element to Hex 3B82A5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B82A5 }
```

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

```
.background{ background-color:#3B82A5 }
```

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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