

Converting Colors

Hex(3B529E)

Have a look what the booklet for
Hex(3B529E) contains.

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Color

Hex(3B529E)

Conversions

Conversions Part 1

Format	Color
Hex	3B529E
RGB	59, 82, 158
RGB Percent	23%, 32%, 62%
CMY	0.7686, 0.6784, 0.3804
CMYK	0.63, 0.48, 0.00, 0.38
HSL	226°, 46%, 43%
HSV	226°, 63%, 62%
XYZ	10.9925, 9.4330, 33.5891
YIQ	83.7870, -38.1040, 18.7600

Conversions

Conversions Part 2

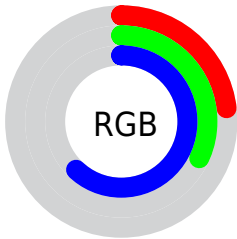
Format	Color
RYB	59, 78, 158
Decimal	3887774
CIELab	36.80, 16.00, -44.09
CIElCh	37, 46.907, 289.942
Yxy	9.4330, 0.2035, 0.1746
Android (android.graphics.Color)	4282077854 (0xFF3B529E)
YUV	83.7870, 36.5870, -21.7382
Hunter-Lab	30.7132, 10.1383, -43.3425

Details

The Hex color **3B529E** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **9E873B**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **7383D5**, and **00266A** is the 20% darker color. If you saturate the color by 10%, you get **2B469E**, and if you desaturate by 10%, it is **4B5E9E**.

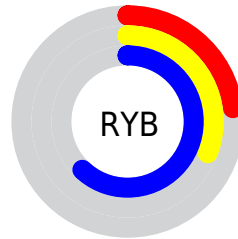
Distribution



Red (23%)

Green (32%)

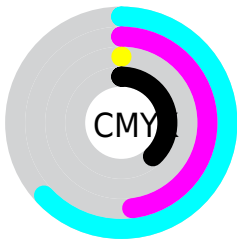
Blue (62%)



Red (23%)

Yellow (31%)

Blue (62%)

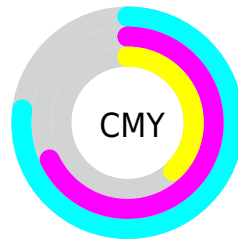


Cyan (63%)

Magenta (48%)

Yellow (0%)

Black (38%)



Cyan (77%)

Magenta (68%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B529E 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 3B529E by changing the saturation by 10% instead.

■ 3B529E

■ 3B529E

FFFFFF

■ 1A3B84

■ 7383D5

■ 00266A

■ 8F9DF2

■ 001351

■ ACB8FF

■ 00043A

■ C8D3FF

■ 000223

■ E5F0FF

■ 00000A

■ 000000

■ 3B529E

■ 3B529E

■ 2B469E

■ 4B5E9E

■ 1B3A9E

■ 5B6A9E

■ 0C2E9E

■ 6A769E

■ 00259E

■ 7A839E

■ 8A8F9E

■ 9A9B9E

■ AAA79E

■ B9B39E

■ C9BF9E

Harmonies

Analogous

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



005FA1



3B529E



774188

Triad

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



3B529E



8D401D



006748

Complementary

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



3B529E



9E873B

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.



1E6422



3B529E



735000

Square

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



3B529E



99323F



515C00



00686F

Rectangle

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



3B529E



8D3571



515C00



00663B

Sweetspot

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



3B529E



A7B0CF



3B9E87



515669



E8E8E8



696969

Same Dimension

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



3B529E



3458CF



553B9E



47494F



00218F



00040F

Inverse Universe

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



9E3B52



CF3458



849E3B



4F4749



8F0021



0F0004

Previews

White Background



This preview shows how the Hex color 3B529E looks on a white background.

Color Contrast Check

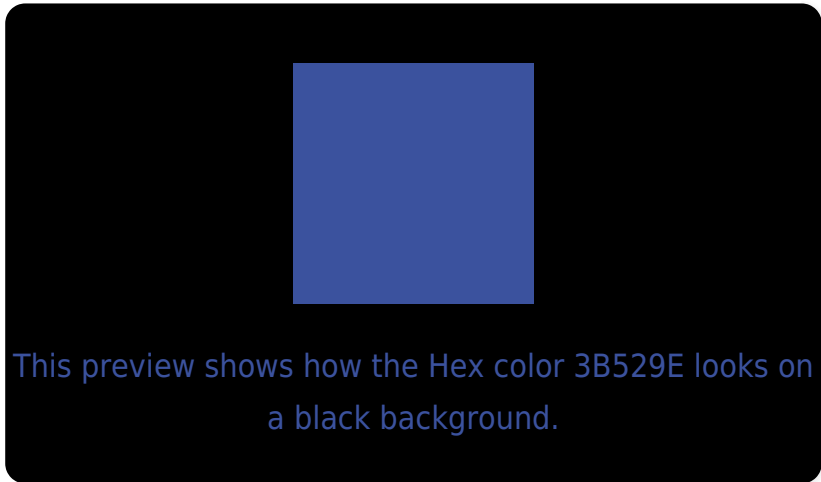
Large Text (above 18pt) WCAG AA ✓ Pass

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 3B529E Background



This preview shows how black text looks on a background with the Hex color 3B529E.



This preview shows how white text looks on a background with the Hex color 3B529E.

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
3B529E

Protanopia
2F54A0

Deuteranopia
00589C



Tritanopia
1E5F67

Trichromacy



Original Color
3B529E

Protanomaly
33539F

Deuteranomaly
15569D

Tritanomaly
295A7B

Monochromacy



Original Color
3B529E

Achromatopsia
545454

Achromatomaly
4B536F

CSS Examples

Text

The CSS property to change the color of the text to Hex 3B529E 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 #3B529E looks like.

```
.text, #text, p{  
    color:#3B529E  
}
```

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 #3B529E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B529E
}
```

Border

The CSS property to change the border of an element to Hex 3B529E 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
#3B529E }
```

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

```
.border{ border-color:#3B529E }
```

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

Here you see how a box with a 4 pixel #3B529E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B529E; -webkit-box-shadow:4px 4px  
4px 4px #3B529E; box-shadow:4px 4px 4px  
4px #3B529E }
```

Background

The CSS property to change the background color of an element to Hex 3B529E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B529E }
```

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

```
.background{ background-color:#3B529E }
```

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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