

Converting Colors

Hex(8333A5)

Have a look what the booklet for
Hex(8333A5) contains.

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Color

Hex(8333A5)

Conversions

Conversions Part 1

Format	Color
Hex	8333A5
RGB	131, 51, 165
RGB Percent	51%, 20%, 65%
CMY	0.4863, 0.8000, 0.3529
CMYK	0.21, 0.69, 0.00, 0.35
HSL	282°, 53%, 42%
HSV	282°, 69%, 65%
XYZ	17.3354, 9.9096, 36.5964
YIQ	87.9160, 11.0860, 52.4140

Conversions

Conversions Part 2

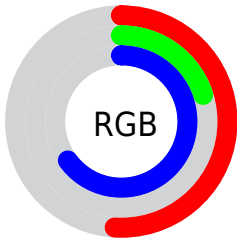
Format	Color
R_{YB}	131, 51, 165
Decimal	8598437
CIE _{Lab}	37.68, 52.18, -46.50
CIE _{LCh}	38, 69.893, 318.289
Yxy	9.9096, 0.2715, 0.1552
Android (android.graphics.Color)	4286788517 (0xFF8333A5)
YUV	87.9160, 38.0024, 37.7847
Hunter-Lab	31.4795, 43.2092, -46.8918

Details

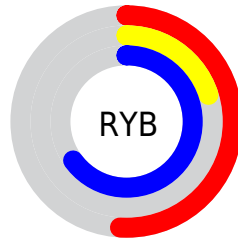
The Hex color **8333A5** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **55A533**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **BB68DD**, and **4D0070** is the 20% darker color. If you saturate the color by 10%, you get **7E23A5**, and if you desaturate by 10%, it is **8843A5**.

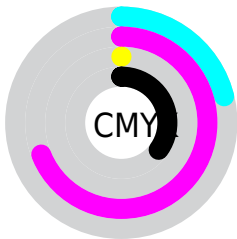
Distribution



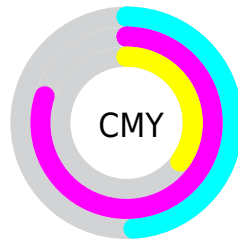
- Red (51%)
- Green (20%)
- Blue (65%)



- Red (51%)
- Yellow (20%)
- Blue (65%)



- Cyan (21%)
- Magenta (69%)
- Yellow (0%)
- Black (35%)



- Cyan (49%)
- Magenta (80%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8333A5 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 8333A5 by changing the saturation by 10% instead.

8333A5

8333A5

FFFFFF

68168A

BB68DD

4D0070

D882FA

320057

F59EFF

1A003F

FFBAFF

000328

FFD6FF

000112

FFF3FF

000000

8333A5

8333A5

7E23A5

8843A5

 7912A5

 8D54A5

 7401A5

 9265A5

 7400A5

 9775A5

 9C85A5

 A196A5

 A5A6A5

 AAB7A5

 AFC7A5

Harmonies

Analogous

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



0054C6



8333A5



AF0071

Triad

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



8333A5



7F4E00



00707B

Complementary

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



8333A5



55A533

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.



006E40



8333A5



4D6000

Square

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



8333A5



A42F00



006A00



006EAD

Rectangle

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



8333A5



B8004C



006A00



007068

Sweetspot

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



8333A5



C9A9D6



3355A5



63506B



EBEBEB



6B6B6B

Same Dimension

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



8333A5



A124D6



A5338E



4F4952



660091



0D0012

Inverse Universe

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



A53355



D62459



33A54A



52494C



91002B



120005

Previews

White Background



This preview shows how the Hex color 8333A5 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

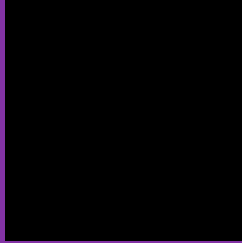
Any Text WCAG AA × Fail

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 8333A5 Background



This preview shows how black text looks on a background with the Hex color 8333A5.



This preview shows how white text looks on a background with the Hex color 8333A5.

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](#).

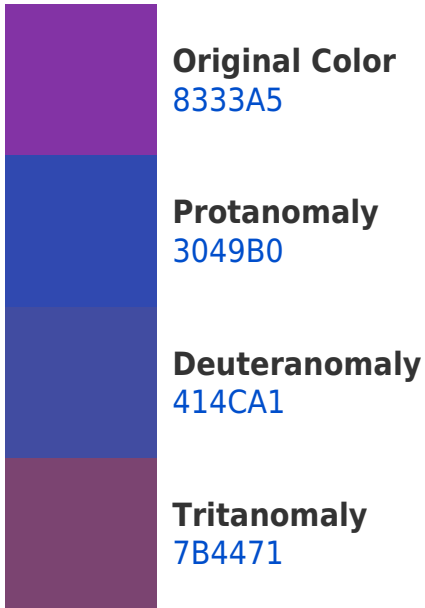
Dichromacy



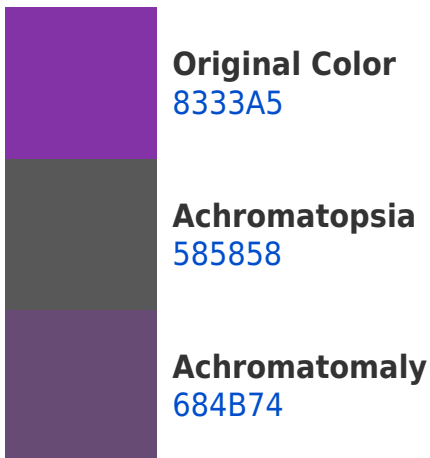


Tritanopia
774E54

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8333A5 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 #8333A5 looks like.

```
.text, #text, p{  
    color:#8333A5  
}
```

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 #8333A5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8333A5
}
```

Border

The CSS property to change the border of an element to Hex 8333A5 is called "border". The border property can be set on classes, ids or directly on the HTML element.

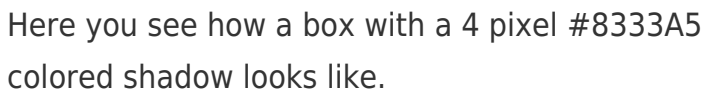
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8333A5 }
```

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

```
.border{ border-color:#8333A5 }
```

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



Here you see how a box with a 4 pixel #8333A5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8333A5; -webkit-box-shadow:4px 4px  
4px 4px #8333A5; box-shadow:4px 4px 4px  
4px #8333A5 }
```

Background

The CSS property to change the background color of an element to Hex 8333A5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8333A5 }
```

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

```
.background{ background-color:#8333A5 }
```

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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