

Converting Colors

Hex(3318A3)

Have a look what the booklet for
Hex(3318A3) contains.

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Color

Hex(3318A3)

Conversions

Conversions Part 1

Format	Color
Hex	3318A3
RGB	51, 24, 163
RGB Percent	20%, 9%, 64%
CMY	0.8000, 0.9059, 0.3608
CMYK	0.69, 0.85, 0.00, 0.36
HSL	252°, 74%, 37%
HSV	252°, 85%, 64%
XYZ	8.3027, 4.0014, 34.9851
YIQ	47.9190, -28.5270, 48.9530

Conversions

Conversions Part 2

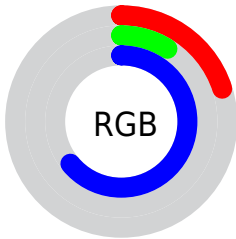
Format	Color
R_{YB}	51, 24, 163
Decimal	3348643
CIE _{Lab}	23.68, 50.83, -68.58
CIE _{LCh}	24, 85.364, 306.549
Yxy	4.0014, 0.1756, 0.0846
Android (android.graphics.Color)	4281538723 (0xFF3318A3)
YUV	47.9190, 56.7349, 2.7020
Hunter-Lab	20.0035, 39.0826, -89.6924

Details

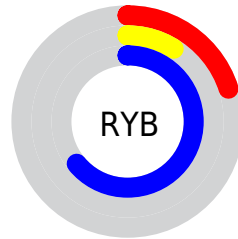
The Hex color **3318A3** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **88A318**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **724ADB**, and **00006E** is the 20% darker color. If you saturate the color by 10%, you get **2608A3**, and if you desaturate by 10%, it is **4028A3**.

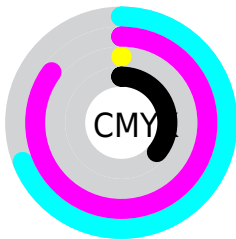
Distribution



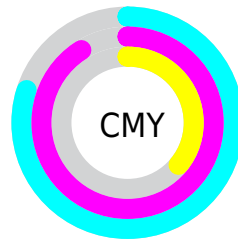
- Red (20%)
- Green (9%)
- Blue (64%)



- Red (20%)
- Yellow (9%)
- Blue (64%)



- Cyan (69%)
- Magenta (85%)
- Yellow (0%)
- Black (36%)



- Cyan (80%)
- Magenta (91%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3318A3 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 3318A3 by changing the saturation by 10% instead.



3318A3



3318A3

FFFFFF



000088



724ADB



00006E



9063F8



000054



AD7DFF



00063C



CB98FF



000225



E9B3FF



00010E



FFCFFF



000000



FFECFF



3318A3



3318A3

■ 2608A3

■ 4028A3

■ 2000A3

■ 4D39A3

■ 5A49A3

■ 6859A3

■ 756AA3

■ 827AA3

■ 8F8AA3

■ 9C9AA3

■ A9ABA3

Harmonies

Analogous

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



0040BD



3318A3



88006D

Triad

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



3318A3



6C1C00



004D46

Complementary

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



3318A3



88A318

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.



004B00



3318A3



3A3B00

Square

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



3318A3



900000



004700



004E85

Rectangle

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



3318A3



9B0043



004700



004C2F

Sweetspot

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



3318A3



A79DD4



188AA3



504A6B



EBEBEB



6B6B6B

Same Dimension

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



3318A3



2900D4



7718A3



4B4952



1C0091



030012

Inverse Universe

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



A31888



D400AB



44A318



524950



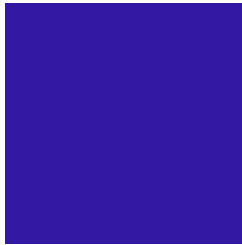
910075



12000E

Previews

White Background



This preview shows how the Hex color 3318A3 looks on a white background.

Color Contrast Check

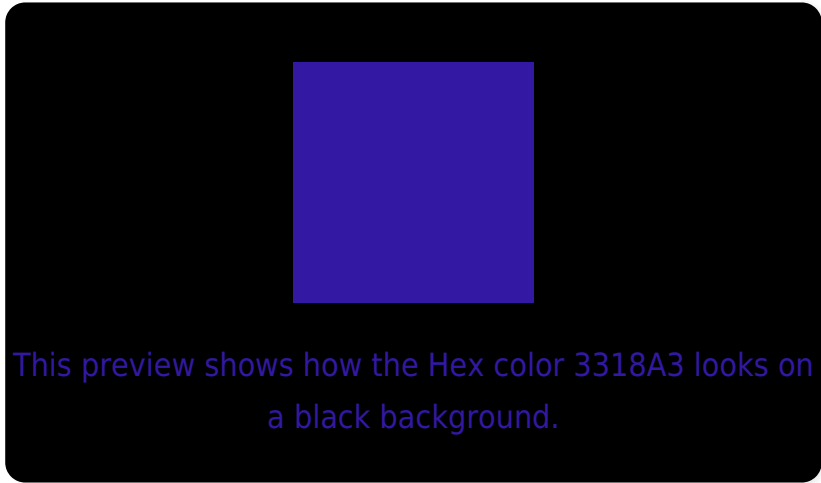
Large Text (above 18pt) WCAG AA ✓ Pass

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

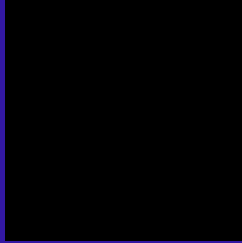
Any Text WCAG AA × Fail

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 3318A3 Background



This preview shows how black text looks on a background with the Hex color 3318A3.



This preview shows how white text looks on a background with the Hex color 3318A3.

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
3318A3

Protanopia
003774

Deuteranopia
003B63



Tritanopia
003F43

Trichromacy



Original Color

3318A3

Protanomaly

132C85

Deuteranomaly

132E7A

Tritanomaly

133166

Monochromacy



Original Color

3318A3

Achromatopsia

303030

Achromatomaly

31275A

CSS Examples

Text

The CSS property to change the color of the text to Hex 3318A3 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 #3318A3 looks like.

```
.text, #text, p{  
  color:#3318A3  
}
```

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 #3318A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3318A3
}
```

Border

The CSS property to change the border of an element to Hex 3318A3 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
#3318A3 }
```

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

```
.border{ border-color:#3318A3 }
```

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

Here you see how a box with a 4 pixel #3318A3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3318A3; -webkit-box-shadow:4px 4px  
4px 4px #3318A3; box-shadow:4px 4px 4px  
4px #3318A3 }
```

Background

The CSS property to change the background color of an element to Hex 3318A3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3318A3 }
```

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

```
.background{ background-color:#3318A3 }
```

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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