

Converting Colors

Hex(3B4278)

Have a look what the booklet for
Hex(3B4278) contains.

Hex(3B4278)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(3B4278)

Conversions

Conversions Part 1

Format	Color
Hex	3B4278
RGB	59, 66, 120
RGB Percent	23%, 26%, 47%
CMY	0.7686, 0.7412, 0.5294
CMYK	0.51, 0.45, 0.00, 0.53
HSL	233°, 34%, 35%
HSV	233°, 51%, 47%
XYZ	7.1420, 6.1823, 18.5862
YIQ	70.0630, -21.5060, 15.3100

Conversions

Conversions Part 2

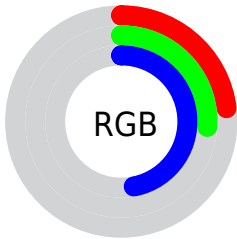
Format	Color
R_{YB}	59, 65, 120
Decimal	3883640
CIE _{Lab}	29.87, 13.28, -31.86
CIE _{LCh}	30, 34.521, 292.634
Yxy	6.1823, 0.2238, 0.1937
Android (android.graphics.Color)	4282073720 (0xFF3B4278)
YUV	70.0630, 24.6189, -9.7023
Hunter-Lab	24.8642, 7.7600, -26.9147




Details

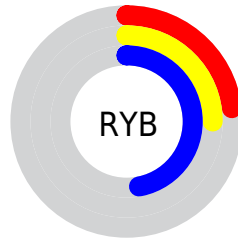
The Hex color **3B4278** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **78713B**, and the grayscale version is **464646**.




A 20% lighter version of the original color is **6E72AD**, and **021847** is the 20% darker color. If you saturate the color by 10%, you get **2F3778**, and if you desaturate by 10%, it is **474D78**.

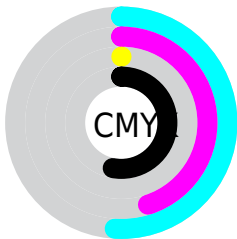
Distribution







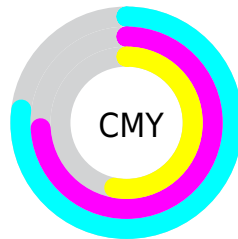
-  Red (23%)
-  Green (26%)
-  Blue (47%)






-  Red (23%)
-  Yellow (25%)
-  Blue (47%)



-  Cyan (51%)
-  Magenta (45%)
-  Yellow (0%)
-  Black (53%)



-  Cyan (77%)
-  Magenta (74%)
-  Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B4278 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 3B4278 by changing the saturation by 10% instead.

■ 3B4278

■ 3B4278

FFFFFF

■ 212C5F

■ 6E72AD

■ 021847

■ 898BC8

■ 000030

■ A4A5E4

■ 00011B

■ BFC1FF

■ 000000

■ DCDCFF

■ F9F9FF

■ 3B4278

■ 3B4278

■ 2F3778

■ 474D78

■ 232D78

■ 535778

■ 172278

■ 5F6278

■ 0B1878

■ 6B6C78

■ 000E78

■ 777778

■ 838278

■ 8F8C78

■ 9B9778

■ A7A278

Harmonies

Analogous

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



004B7B



3B4278



603767

Triad

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



3B4278



6D381C



00533F

Complementary

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



3B4278



78713B

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.



1E5024



3B4278



5A430D

Square

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



3B4278



772F33



414B10



00535A

Rectangle

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



3B4278



6F3057



414B10



005235

Sweetspot

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



3B4278



84879C



3B7871



41424F



CFCFCF



4F4F4F

Same Dimension

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



3B4278



3D489C



523B78



37383D



000E7D



001DFC

Inverse Universe

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



783B42



9C3D48



61783B



3D3738



7D000E



FC001D

Previews

White Background



This preview shows how the Hex color 3B4278 looks on a white background.

Color Contrast Check

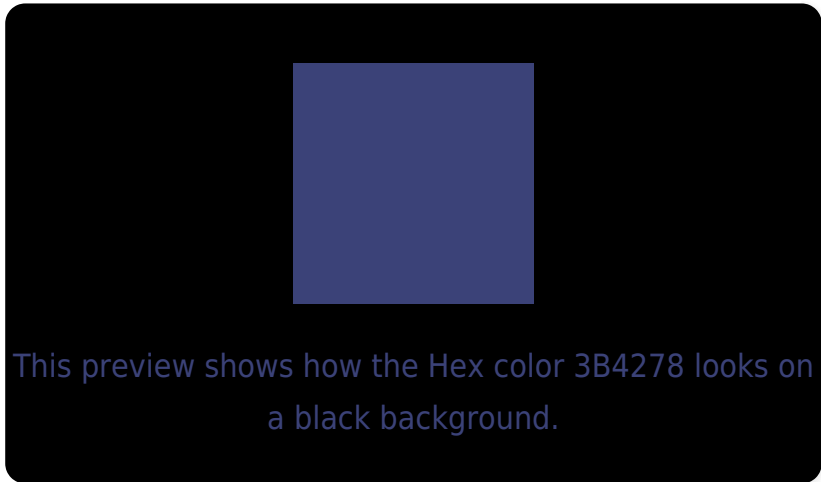
Large Text (above 18pt) WCAG AA ✓ Pass

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

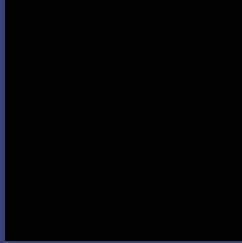
Any Text WCAG AA × Fail

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 3B4278 Background



This preview shows how black text looks on a background with the Hex color 3B4278.



This preview shows how white text looks on a background with the Hex color 3B4278.

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

3B4278

Protanopia

2E457A

Deuteranopia

244777



Tritanopia
2F4B51

Trichromacy



Original Color
3B4278

Protanomaly
334479

Deuteranomaly
2C4577

Tritanomaly
33485F

Monochromacy



Original Color
3B4278

Achromatopsia
464646

Achromatomaly
424558

CSS Examples

Text

The CSS property to change the color of the text to Hex 3B4278 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 #3B4278 looks like.

```
.text, #text, p{  
    color:#3B4278  
}
```

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 #3B4278 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B4278  
}
```

Border

The CSS property to change the border of an element to Hex 3B4278 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  
#3B4278 }
```

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

```
.border{ border-color:#3B4278 }
```

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

Here you see how a box with a 4 pixel #3B4278 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B4278; -webkit-box-shadow:4px 4px  
4px 4px #3B4278; box-shadow:4px 4px 4px  
4px #3B4278 }
```

Background

The CSS property to change the background color of an element to Hex 3B4278 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B4278 }
```

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

```
.background{ background-color:#3B4278 }
```

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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