

Converting Colors

Hex(3B1662)

Have a look what the booklet for
Hex(3B1662) contains.

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Color

Hex(3B1662)

Conversions

Conversions Part 1

Format	Color
Hex	3B1662
RGB	59, 22, 98
RGB Percent	23%, 9%, 38%
CMY	0.7686, 0.9137, 0.6157
CMYK	0.40, 0.78, 0.00, 0.62
HSL	269°, 63%, 24%
HSV	269°, 78%, 38%
XYZ	4.2951, 2.3855, 11.7893
YIQ	41.7270, -2.3440, 31.4800

Conversions

Conversions Part 2

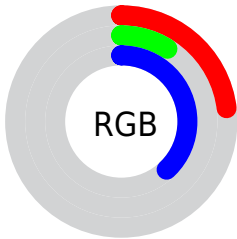
Format	Color
R _Y B	59, 22, 98
Decimal	3872354
CIE Lab	17.39, 34.16, -37.75
CIE LCh	17, 50.913, 312.142
Yxy	2.3855, 0.2325, 0.1292
Android (android.graphics.Color)	4282062434 (0xFF3B1662)
YUV	41.7270, 27.7426, 15.1484
Hunter-Lab	15.4450, 22.6111, -34.4453

Details

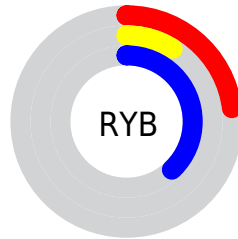
The Hex color **3B1662** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **3D6216**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **6E4595**, and **090033** is the 20% darker color. If you saturate the color by 10%, you get **360C62**, and if you desaturate by 10%, it is **402062**.

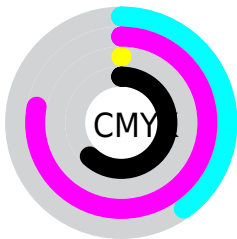
Distribution



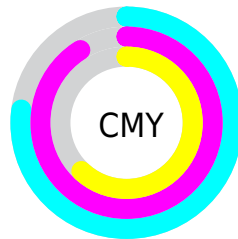
- Red (23%)
- Green (9%)
- Blue (38%)



- Red (23%)
- Yellow (9%)
- Blue (38%)



- Cyan (40%)
- Magenta (78%)
- Yellow (0%)
- Black (62%)



- Cyan (77%)
- Magenta (91%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B1662 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 3B1662 by changing the saturation by 10% instead.

■ 3B1662

■ 3B1662

FFFFFF

■ 22004A

■ 6E4595

■ 090033

■ 895DB0

■ 00021C

■ A477CC

■ 000000

■ C091E8

■ DCABFF

■ F9C7FF

■ FFE3FF

■ 3B1662

■ 3B1662

■ 360C62

■ 402062

■ 310262

■ 452A62

■ 300062

■ 4A3362

■ 4F3D62

■ 544762

■ 595162

■ 5E5B62

■ 636462

■ 686E62

Harmonies

Analogous

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



002B74



3B1662



5E0042

Triad

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



3B1662



472100



003939

Complementary

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



3B1662



3D6216

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.



003812



3B1662



282E00

Square

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



3B1662



5E0200



003500



00395C

Rectangle

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



3B1662



66002A



003500



00392D

Sweetspot

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



3B1662



706280



163D62



372E40



BFBFBF



404040

Same Dimension

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



3B1662



430980



611662



2E2C30



370070



7500F0

Inverse Universe

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



62163D



800946



176216



302C2E



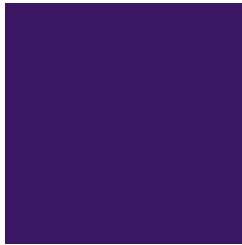
70003A



F0007B

Previews

White Background



This preview shows how the Hex color 3B1662 looks on a white background.

Color Contrast Check

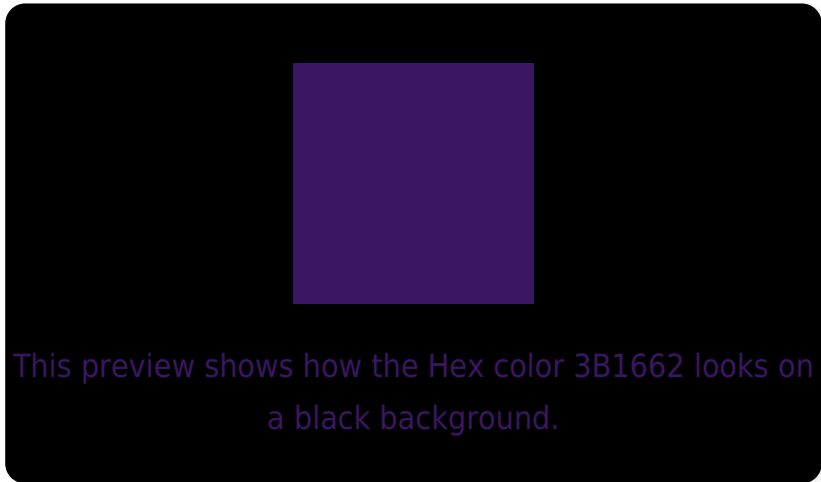
Large Text (above 18pt) WCAG AA ✓ Pass

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

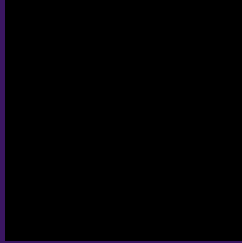
Any Text WCAG AA × Fail

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 3B1662 Background



This preview shows how black text looks on a background with the Hex color 3B1662.



This preview shows how white text looks on a background with the Hex color 3B1662.

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
3B1662

Protanopia
002A59

Deuteranopia
002D4D



Tritanopia
302A2E

Trichromacy



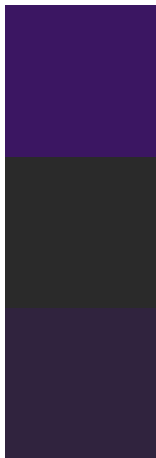
Original Color
3B1662

Protanomaly
15235C

Deuteranomaly
152555

Tritanomaly
342341

Monochromacy



Original Color
3B1662

Achromatopsia
2A2A2A

Achromatomaly
30233E

CSS Examples

Text

The CSS property to change the color of the text to Hex 3B1662 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 #3B1662 looks like.

```
.text, #text, p{  
    color:#3B1662  
}
```

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 #3B1662 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B1662
}
```

Border

The CSS property to change the border of an element to Hex 3B1662 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
#3B1662 }
```

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

```
.border{ border-color:#3B1662 }
```

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

Here you see how a box with a 4 pixel #3B1662 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B1662; -webkit-box-shadow:4px 4px  
4px 4px #3B1662; box-shadow:4px 4px 4px  
4px #3B1662 }
```

Background

The CSS property to change the background color of an element to Hex 3B1662 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B1662 }
```

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

```
.background{ background-color:#3B1662 }
```

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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