

Converting Colors

Hex(3A1661)

Have a look what the booklet for
Hex(3A1661) contains.

Hex(3A1661)	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(3A1661)

Conversions

Conversions Part 1

Format	Color
Hex	3A1661
RGB	58, 22, 97
RGB Percent	23%, 9%, 38%
CMY	0.7725, 0.9137, 0.6196
CMYK	0.40, 0.77, 0.00, 0.62
HSL	269°, 63%, 23%
HSV	269°, 77%, 38%
XYZ	4.1895, 2.3364, 11.5394
YIQ	41.3140, -2.6190, 30.9570

Conversions

Conversions Part 2

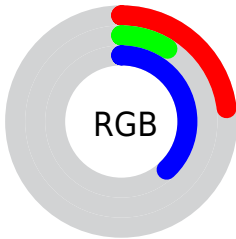
Format	Color
R_{YB}	58, 22, 97
Decimal	3806817
CIE _{Lab}	17.16, 33.68, -37.47
CIE _{LCh}	17, 50.384, 311.952
Yxy	2.3364, 0.2319, 0.1293
Android (android.graphics.Color)	4281996897 (0xFF3A1661)
YUV	41.3140, 27.4532, 14.6336
Hunter-Lab	15.2854, 22.1749, -34.0602

Details

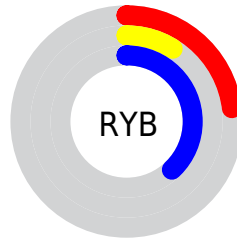
The Hex color **3A1661** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **3D6116**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **6D4594**, and **070032** is the 20% darker color. If you saturate the color by 10%, you get **350C61**, and if you desaturate by 10%, it is **3F2061**.

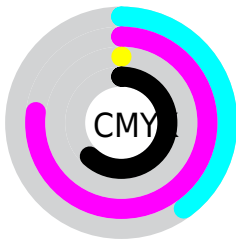
Distribution



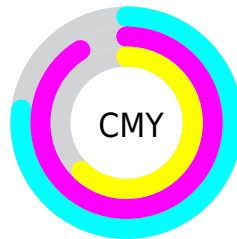
- Red (23%)
- Green (9%)
- Blue (38%)



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



- Cyan (40%)
- Magenta (77%)
- Yellow (0%)
- Black (62%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 3A1661 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 3A1661 by changing the saturation by 10% instead.

■ 3A1661

■ 3A1661

FFFFFF

■ 210049

■ 6D4594

■ 070032

■ 885DAF

■ 00011C

■ A376CB

■ 000000

■ BF90E7

■ DBABFF

■ F8C7FF

■ FFE3FF

■ 3A1661

■ 3A1661

■ 350C61

■ 3F2061

■ 300361

■ 442961

■ 2F0061

■ 493361

■ 4E3D61

■ 534761

■ 585061

■ 5D5A61

■ 626461

■ 676D61

Harmonies

Analogous

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



002B73



3A1661



5D0041

Triad

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



3A1661



472000



003838

Complementary

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



3A1661



3D6116

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.



003712



3A1661



282D00

Square

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



3A1661



5D0200



003400



00385B

Rectangle

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



3A1661



65002A



003400



00382C

Sweetspot

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



3A1661



6E607D



163E61



362E40



BFBFBF



404040

Same Dimension

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



3A1661



41097D



5F1661



2E2C30



360070



7300F0

Inverse Universe

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



61163D



7D0945



186116



302C2E



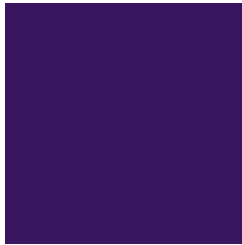
70003A



F0007D

Previews

White Background



This preview shows how the Hex color 3A1661 looks on a white background.

Color Contrast Check

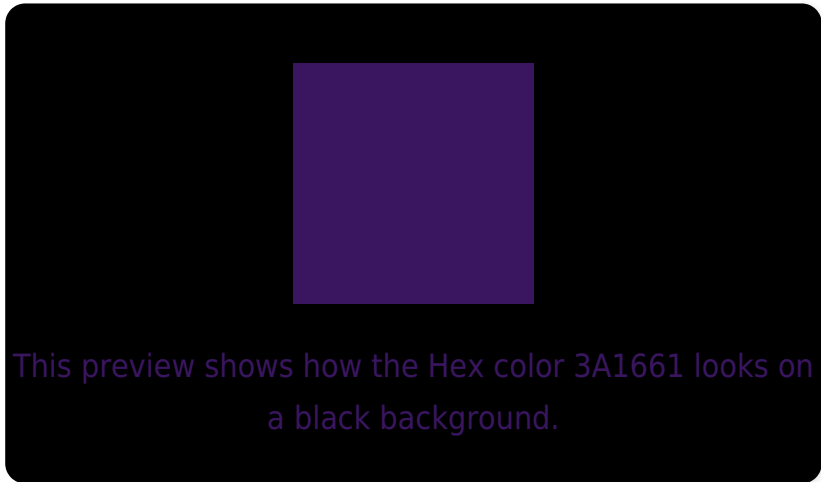
Large Text (above 18pt) WCAG AA ✓ Pass

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

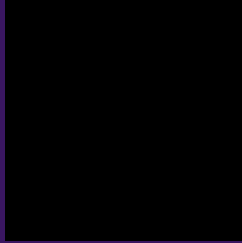
Any Text WCAG AA × Fail

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 3A1661 Background



This preview shows how black text looks on a background with the Hex color 3A1661.



This preview shows how white text looks on a background with the Hex color 3A1661.

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
3A1661

Protanopia
002A58

Deuteranopia
002D4C

Trichromacy



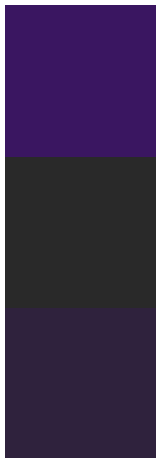
Original Color
3A1661

Protanomaly
15235B

Deuteranomaly
152554

Tritanomaly
332340

Monochromacy



Original Color
3A1661

Achromatopsia
292929

Achromatomaly
2F223D

CSS Examples

Text

The CSS property to change the color of the text to Hex 3A1661 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 #3A1661 looks like.

```
.text, #text, p{  
    color:#3A1661  
}
```

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 #3A1661 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A1661
}
```

Border

The CSS property to change the border of an element to Hex 3A1661 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".

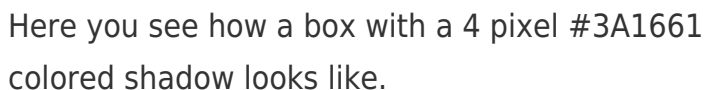
```
.border, #border, table{ border:4px solid
#3A1661 }
```

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

```
.border{ border-color:#3A1661 }
```

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

Here you see how a box with a 4 pixel #3A1661 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A1661; -webkit-box-shadow:4px 4px  
4px 4px #3A1661; box-shadow:4px 4px 4px  
4px #3A1661 }
```

Background

The CSS property to change the background color of an element to Hex 3A1661 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A1661 }
```

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

```
.background{ background-color:#3A1661 }
```

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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