

Converting Colors

Hex(3A3156)

Have a look what the booklet for
Hex(3A3156) contains.

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Color

Hex(3A3156)

Conversions

Conversions Part 1

Format	Color
Hex	3A3156
RGB	58, 49, 86
RGB Percent	23%, 19%, 34%
CMY	0.7725, 0.8078, 0.6627
CMYK	0.33, 0.43, 0.00, 0.66
HSL	255°, 27%, 26%
HSV	255°, 43%, 34%
XYZ	4.5229, 3.7681, 9.2930
YIQ	55.9090, -6.5130, 13.4150

Conversions

Conversions Part 2

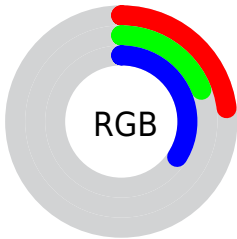
Format	Color
R_{YB}	58, 49, 86
Decimal	3813718
CIE _{Lab}	22.89, 13.56, -21.01
CIE _{LCh}	23, 25.004, 302.848
Yxy	3.7681, 0.2572, 0.2143
Android (android.graphics.Color)	4282003798 (0xFF3A3156)
YUV	55.9090, 14.8349, 1.8338
Hunter-Lab	19.4115, 7.6211, -14.7964

Details

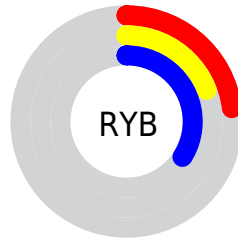
The Hex color **3A3156** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **4D5631**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **6A5F88**, and **100229** is the 20% darker color. If you saturate the color by 10%, you get **332856**, and if you desaturate by 10%, it is **413A56**.

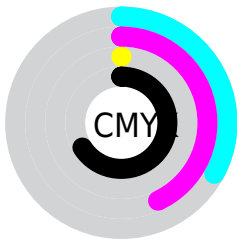
Distribution



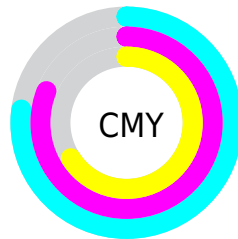
- Red (23%)
- Green (19%)
- Blue (34%)



- Red (23%)
- Yellow (19%)
- Blue (34%)



- Cyan (33%)
- Magenta (43%)
- Yellow (0%)
- Black (66%)



- Cyan (77%)
- Magenta (81%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A3156 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 3A3156 by changing the saturation by 10% instead.

■ 3A3156

■ 3A3156

FFFFFF

■ 231C3F

■ 6A5F88

■ 100229

■ 8478A2

■ 000113

■ 9E92BD

■ 000000

■ B9ACD9

■ D5C8F6

■ F2E4FF

■ 3A3156

■ 3A3156

■ 332856

■ 413A56

■ 2D2056

■ 474256

■ 261756

■ 4E4B56

■ 200F56

■ 545356

■ 190656

■ 5B5C56

■ 150056

■ 616556

■ 686D56

■ 6E7656

■ 757E56

Harmonies

Analogous

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



16385C



3A3156



4F2A48

Triad

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



3A3156



4F2F15



004038

Complementary

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



3A3156



4D5631

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.



123F25



3A3156



403610

Square

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



3A3156



582923



2C3B16



003F4A

Rectangle

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



3A3156



57273C



2C3B16



004031

Sweetspot

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



3A3156



656270



314D56



312F38



B8B8B8



383838

Same Dimension

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



3A3156



443670



4C3156



28272B



1A006B



3900EB

Inverse Universe

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



56314D



703662



3B5631



2B272A



6B0051



EB00B2

Previews

White Background



This preview shows how the Hex color 3A3156 looks on a white background.

Color Contrast Check

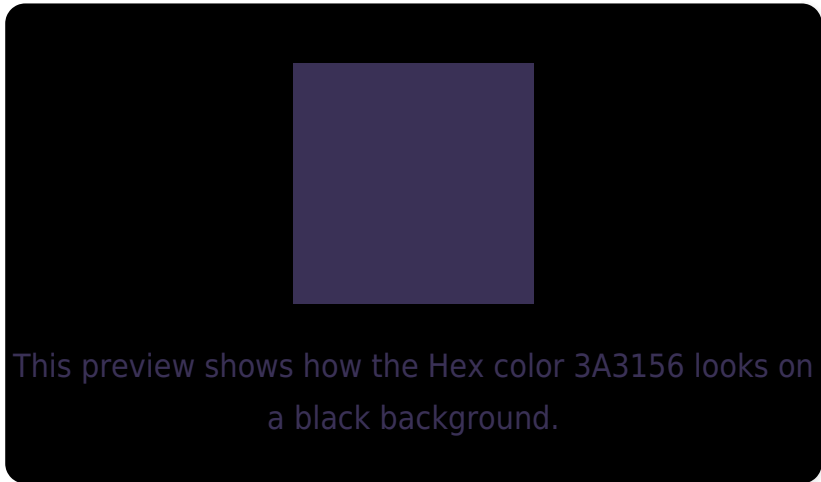
Large Text (above 18pt) WCAG AA ✓ Pass

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

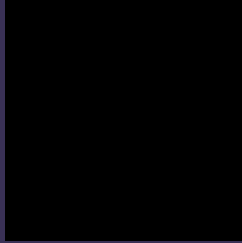
Any Text WCAG AA × Fail

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 3A3156 Background



This preview shows how black text looks on a background with the Hex color 3A3156.



This preview shows how white text looks on a background with the Hex color 3A3156.

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
3A3156

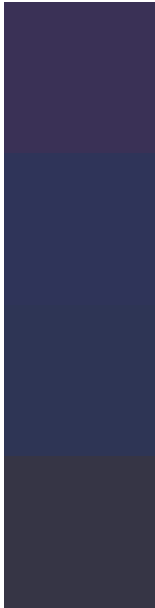
Protanopia
28365A

Deuteranopia
273755



Tritanopia
34373B

Trichromacy



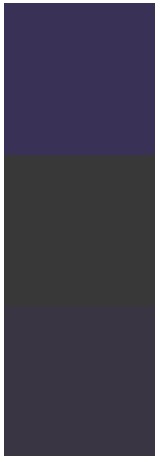
Original Color
3A3156

Protanomaly
2F3459

Deuteranomaly
2E3555

Tritanomaly
363545

Monochromacy



Original Color
3A3156

Achromatopsia
383838

Achromatomaly
393543

CSS Examples

Text

The CSS property to change the color of the text to Hex 3A3156 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 #3A3156 looks like.

```
.text, #text, p{  
    color:#3A3156  
}
```

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 #3A3156 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A3156
}
```

Border

The CSS property to change the border of an element to Hex 3A3156 is called "border". The border property can be set on classes, ids or directly on the HTML element.

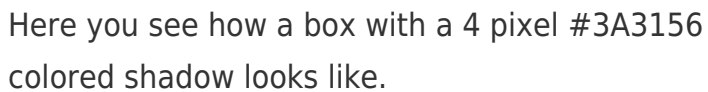
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3A3156 }
```

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

```
.border{ border-color:#3A3156 }
```

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



Here you see how a box with a 4 pixel #3A3156 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A3156; -webkit-box-shadow:4px 4px  
4px 4px #3A3156; box-shadow:4px 4px 4px  
4px #3A3156 }
```

Background

The CSS property to change the background color of an element to Hex 3A3156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A3156 }
```

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

```
.background{ background-color:#3A3156 }
```

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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