

Converting Colors

Hex(3A6477)

Have a look what the booklet for
Hex(3A6477) contains.

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Color

Hex(3A6477)

Conversions

Conversions Part 1

Format	Color
Hex	3A6477
RGB	58, 100, 119
RGB Percent	23%, 39%, 47%
CMY	0.7725, 0.6078, 0.5333
CMYK	0.51, 0.16, 0.00, 0.53
HSL	199°, 34%, 35%
HSV	199°, 51%, 47%
XYZ	9.6319, 11.3458, 19.1351
YIQ	89.6080, -31.1310, -2.9950

Conversions

Conversions Part 2

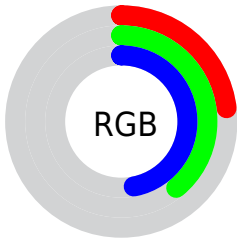
Format	Color
RYB	58, 83, 119
Decimal	3826807
CIELab	40.16, -8.95, -15.20
CIELCh	40, 17.641, 239.529
Yxy	11.3458, 0.2401, 0.2828
Android (android.graphics.Color)	4282016887 (0xFF3A6477)
YUV	89.6080, 14.4903, -27.7202
Hunter-Lab	33.6835, -7.9037, -10.1032

Details

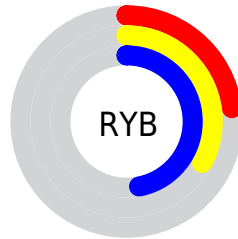
The Hex color **3A6477** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **774D3A**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **6D97AB**, and **003547** is the 20% darker color. If you saturate the color by 10%, you get **2E6077**, and if you desaturate by 10%, it is **466877**.

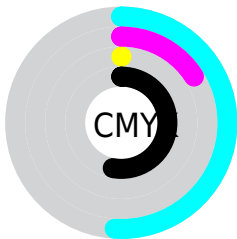
Distribution



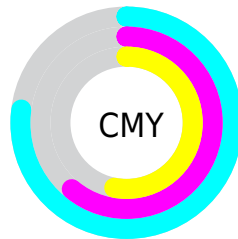
- Red (23%)
- Green (39%)
- Blue (47%)



- Red (23%)
- Yellow (33%)
- Blue (47%)



- Cyan (51%)
- Magenta (16%)
- Yellow (0%)
- Black (53%)



- Cyan (77%)
- Magenta (61%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A6477 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 3A6477 by changing the saturation by 10% instead.

■ 3A6477

■ 3A6477

FFFFFF

■ 204C5E

■ 6D97AB

■ 003547

■ 88B2C7

■ 002030

■ A3CDE3

■ 00031C

■ BFE9FF

■ 000000

■ DBFFFF

■ F8FFFF

■ 3A6477

■ 3A6477

■ 2E6077

■ 466877

■ 225D77

■ 526B77

■ 165977

■ 5E6F77

■ 0A5577

■ 6A7377

■ 005277

■ 757777

■ 817A77

■ 8D7E77

■ 998277

■ A58577

Harmonies

Analogous

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



33666C



3A6477



4C607B

Triad

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



3A6477



7A545F



5A6245

Complementary

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



3A6477



774D3A

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.



695E42



3A6477



7B5551

Square

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



3A6477



71566D



755946



496550

Rectangle

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



3A6477



5A5D7A



755946



5F6143

Sweetspot

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



3A6477



84949C



3A774C



414B4F



CFCFCF



4F4F4F

Same Dimension

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



3A6477



3B7E9C



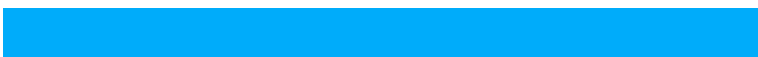
3A4677



35393B



00547A



00ACFA

Inverse Universe

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



773A64



9C3B7E



776B3A



3B3539



7A0054



FA00AC

Previews

White Background



This preview shows how the Hex color 3A6477 looks on a white background.

Color Contrast Check

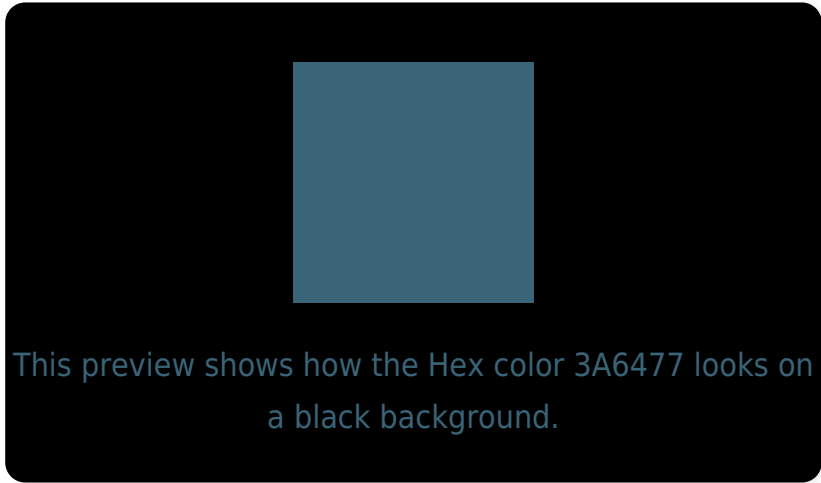
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

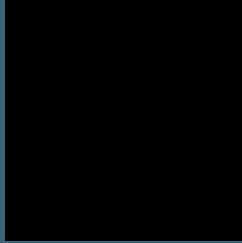
Any Text WCAG AA × Fail

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 3A6477 Background



This preview shows how black text looks on a background with the Hex color 3A6477.

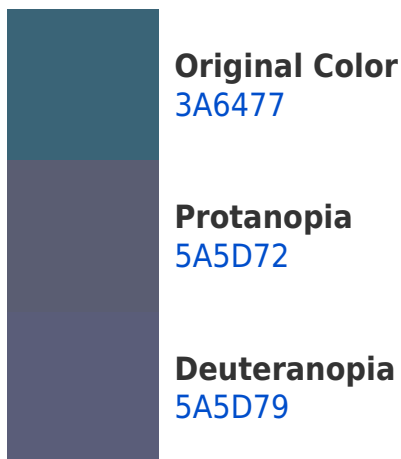


This preview shows how white text looks on a background with the Hex color 3A6477.

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](#).

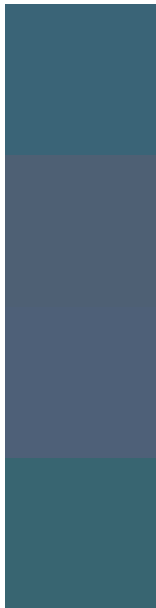
Dichromacy





Tritanopia
37666E

Trichromacy



Original Color
3A6477

Protanomaly
4E6074

Deuteranomaly
4E6078

Tritanomaly
386571

Monochromacy



Original Color
3A6477

Achromatopsia
5A5A5A

Achromatomaly
4E5E65

CSS Examples

Text

The CSS property to change the color of the text to Hex 3A6477 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 #3A6477 looks like.

```
.text, #text, p{  
    color:#3A6477  
}
```

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 #3A6477 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A6477
}
```

Border

The CSS property to change the border of an element to Hex 3A6477 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
#3A6477 }
```

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

```
.border{ border-color:#3A6477 }
```

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

Here you see how a box with a 4 pixel #3A6477 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A6477; -webkit-box-shadow:4px 4px  
4px 4px #3A6477; box-shadow:4px 4px 4px  
4px #3A6477 }
```

Background

The CSS property to change the background color of an element to Hex 3A6477 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A6477 }
```

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

```
.background{ background-color:#3A6477 }
```

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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