

Converting Colors

Hex(336A6A)

Have a look what the booklet for
Hex(336A6A) contains.

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Color

Hex(336A6A)

Conversions

Conversions Part 1

Format	Color
Hex	336A6A
RGB	51, 106, 106
RGB Percent	20%, 42%, 42%
CMY	0.8000, 0.5843, 0.5843
CMYK	0.52, 0.00, 0.00, 0.58
HSL	180°, 35%, 31%
HSV	180°, 52%, 42%
XYZ	9.1208, 12.0525, 15.4813
YIQ	89.5550, -32.7800, -11.6600

Conversions

Conversions Part 2

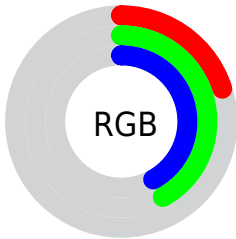
Format	Color
RYB	51, 79, 106
Decimal	3369578
CIELab	41.30, -18.07, -5.59
CIELCh	41, 18.915, 197.205
Yxy	12.0525, 0.2488, 0.3288
Android (android.graphics.Color)	4281559658 (0xFF336A6A)
YUV	89.5550, 8.1074, -33.8127
Hunter-Lab	34.7167, -13.8585, -2.1377

Details

The Hex color **336A6A** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6A3333**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **679E9D**, and **003A3B** is the 20% darker color. If you saturate the color by 10%, you get **286A6A**, and if you desaturate by 10%, it is **3E6A6A**.

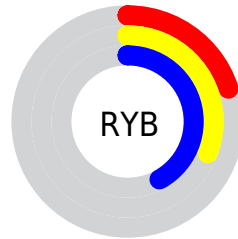
Distribution



Red (20%)

Green (42%)

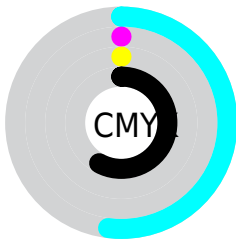
Blue (42%)



Red (20%)

Yellow (31%)

Blue (42%)

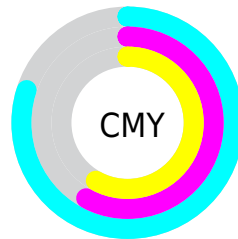


Cyan (52%)

Magenta (0%)

Yellow (0%)

Black (58%)



Cyan (80%)

Magenta (58%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 336A6A 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 336A6A by changing the saturation by 10% instead.



336A6A



336A6A

FFFFFF



185252



679E9D



003A3B



81B9B8



002425



9CD4D4



000A11



B8F1F0



000000



D4FFFF



F1FFFF



336A6A



336A6A



286A6A



3E6A6A

■ 1E6A6A

■ 486A6A

■ 136A6A

■ 536A6A

■ 096A6A

■ 5D6A6A

■ 006A6A

■ 686A6A

■ 736A6A

■ 7D6A6A

■ 886A6A

■ 926A6A

Harmonies

Analogous

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



406A5A



336A6A



346878

Triad

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



336A6A



6F5A77



735E43

Complementary

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



336A6A



6A3333

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.



7D594B



336A6A



7C5769

Square

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



336A6A



5B607F



815659



636344

Rectangle

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



336A6A



3D667E



815659



775C45

Sweetspot

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



336A6A



748A8A



336A33



384545



C4C4C4



454545

Same Dimension

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



336A6A



348A8A



334F6A



303636



007575



00F5F5

Inverse Universe

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



6A336A



8A348A



6A4F33



363036



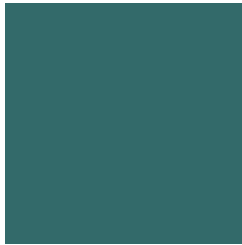
750075



F500F5

Previews

White Background



This preview shows how the Hex color 336A6A looks on a white background.

Color Contrast Check

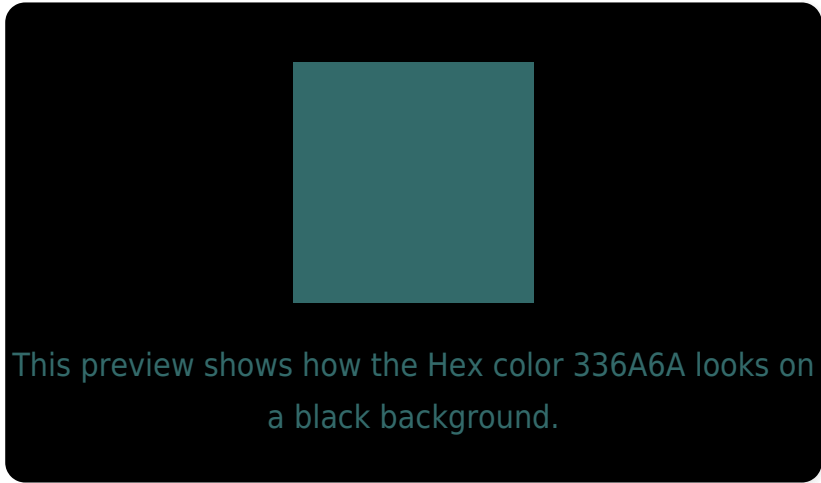
Large Text (above 18pt) WCAG AA ✓ Pass

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

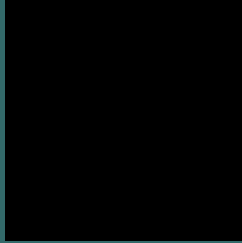
Any Text WCAG AA × Fail

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 336A6A Background



This preview shows how black text looks on a background with the Hex color 336A6A.

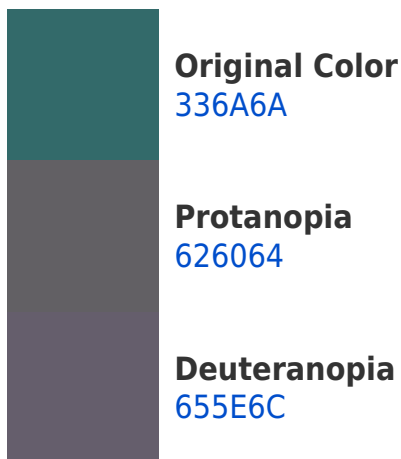



This preview shows how white text looks on a background with the Hex color 336A6A.

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](#).

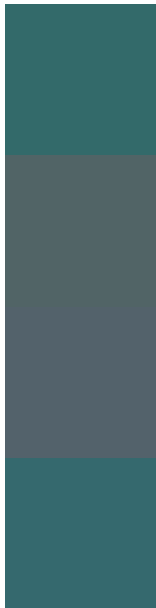
Dichromacy





Tritanopia
366971

Trichromacy



Original Color
336A6A

Protanomaly
516466

Deuteranomaly
53626B

Tritanomaly
35696E

Monochromacy



Original Color
336A6A

Achromatopsia
5A5A5A

Achromatomaly
4C6060

CSS Examples

Text

The CSS property to change the color of the text to Hex 336A6A 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 #336A6A looks like.

```
.text, #text, p{  
    color:#336A6A  
}
```

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 #336A6A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #336A6A
}
```

Border

The CSS property to change the border of an element to Hex 336A6A 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
#336A6A }
```

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

```
.border{ border-color:#336A6A }
```

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

Here you see how a box with a 4 pixel #336A6A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #336A6A; -webkit-box-shadow:4px 4px  
4px 4px #336A6A; box-shadow:4px 4px 4px  
4px #336A6A }
```

Background

The CSS property to change the background color of an element to Hex 336A6A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#336A6A }
```

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

```
.background{ background-color:#336A6A }
```

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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