

Converting Colors

Hex(36686A)

Have a look what the booklet for
Hex(36686A) contains.

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Color

Hex(36686A)

Conversions

Conversions Part 1

Format	Color
Hex	36686A
RGB	54, 104, 106
RGB Percent	21%, 41%, 42%
CMY	0.7882, 0.5922, 0.5843
CMYK	0.49, 0.02, 0.00, 0.58
HSL	182°, 33%, 31%
HSV	182°, 49%, 42%
XYZ	9.0732, 11.7255, 15.4207
YIQ	89.2780, -30.4420, -9.9780

Conversions

Conversions Part 2

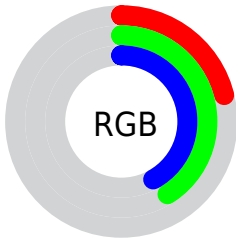
Format	Color
RYB	54, 79, 106
Decimal	3565674
CIELab	40.78, -16.21, -6.36
CIELCh	41, 17.417, 201.418
Yxy	11.7255, 0.2505, 0.3237
Android (android.graphics.Color)	4281755754 (0xFF36686A)
YUV	89.2780, 8.2439, -30.9388
Hunter-Lab	34.2425, -12.6277, -2.7308

Details

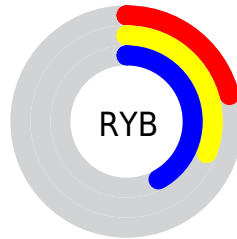
The Hex color **36686A** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6A3836**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **699B9D**, and **00393B** is the 20% darker color. If you saturate the color by 10%, you get **2B686A**, and if you desaturate by 10%, it is **41686A**.

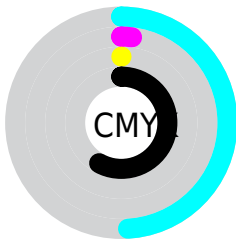
Distribution



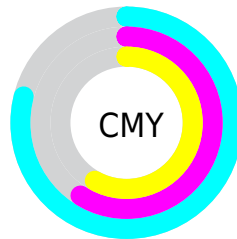
- Red (21%)
- Green (41%)
- Blue (42%)



- Red (21%)
- Yellow (31%)
- Blue (42%)



- Cyan (49%)
- Magenta (2%)
- Yellow (0%)
- Black (58%)



- Cyan (79%)
- Magenta (59%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 36686A 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 36686A by changing the saturation by 10% instead.



36686A



36686A

FFFFFF



1C5052



699B9D



00393B



83B6B8



002325



9ED2D4



000611



BAEEF0



000000



D6FFFF



F3FFFF



36686A



36686A



2B686A



41686A

■ 21676A

■ 4B696A

■ 16676A

■ 56696A

■ 0C666A

■ 606A6A

■ 01666A

■ 6B6A6A

■ 00666A

■ 766A6A

■ 806B6A

■ 8B6B6A

■ 956C6A

Harmonies

Analogous

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



40685B



36686A



396676

Triad

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



36686A



6E5972



6E5E44

Complementary

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



36686A



6A3836

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.



79594A



36686A



7A5665

Square

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



36686A



5D5E7B



7D5656



606245

Rectangle

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



36686A



42647B



7D5656



725C45

Sweetspot

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



36686A



75898A



366A38



384445



C4C4C4



454545

Same Dimension

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



36686A



38878A



364E6A



303536



007175



00EBF5

Inverse Universe

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



6A3668



8A3887



6A5236



363035



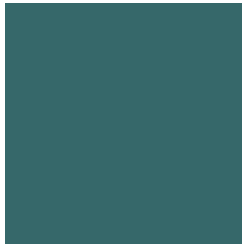
750071



F500EB

Previews

White Background



This preview shows how the Hex color 36686A looks on a white background.

Color Contrast Check

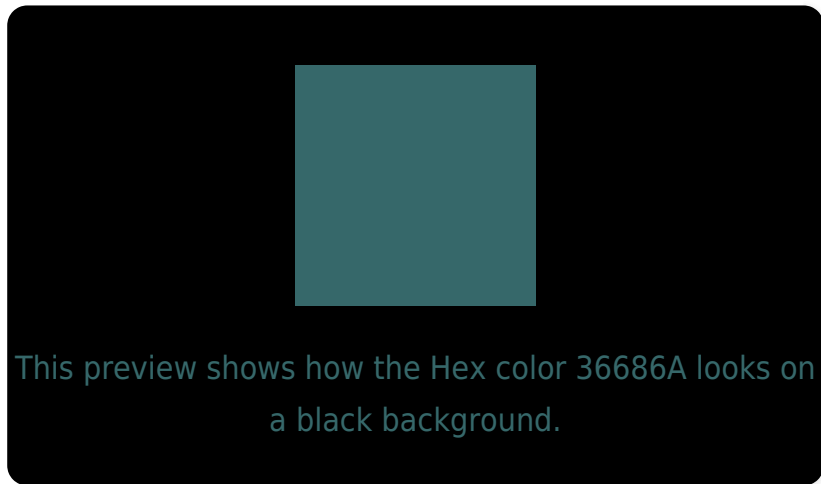
Large Text (above 18pt) WCAG AA ✓ Pass

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

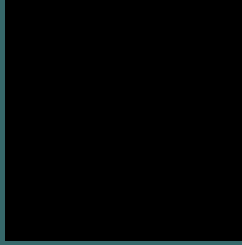
Any Text WCAG AA × Fail

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 36686A Background



This preview shows how black text looks on a background with the Hex color 36686A.

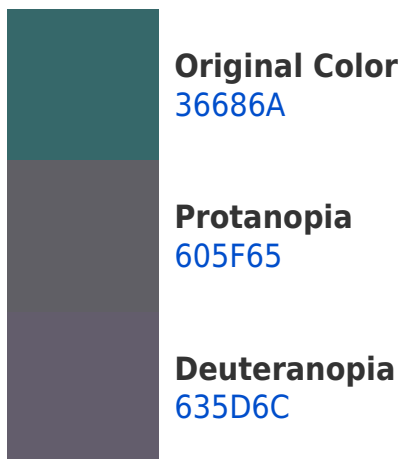



This preview shows how white text looks on a background with the Hex color 36686A.

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](#).

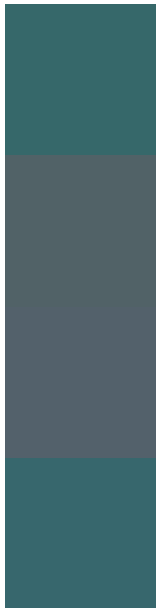
Dichromacy





Tritanopia
38676F

Trichromacy



Original Color
36686A

Protanomaly
516267

Deuteranomaly
53616B

Tritanomaly
37676D

Monochromacy



Original Color
36686A

Achromatopsia
595959

Achromatomaly
4C5E5F

CSS Examples

Text

The CSS property to change the color of the text to Hex 36686A 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 #36686A looks like.

```
.text, #text, p{  
    color:#36686A  
}
```

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 #36686A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #36686A
}
```

Border

The CSS property to change the border of an element to Hex 36686A 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
#36686A }
```

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

```
.border{ border-color:#36686A }
```

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

Here you see how a box with a 4 pixel #36686A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #36686A; -webkit-box-shadow:4px 4px  
4px 4px #36686A; box-shadow:4px 4px 4px  
4px #36686A }
```

Background

The CSS property to change the background color of an element to Hex 36686A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#36686A }
```

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

```
.background{ background-color:#36686A }
```

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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