

Converting Colors

Hex(386668)

Have a look what the booklet for
Hex(386668) contains.

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Color

Hex(386668)

Conversions

Conversions Part 1

Format	Color
Hex	386668
RGB	56, 102, 104
RGB Percent	22%, 40%, 41%
CMY	0.7804, 0.6000, 0.5922
CMYK	0.46, 0.02, 0.00, 0.59
HSL	182°, 30%, 31%
HSV	182°, 46%, 41%
XYZ	8.8809, 11.3430, 14.8180
YIQ	88.4740, -28.0580, -9.1300

Conversions

Conversions Part 2

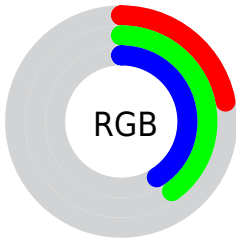
Format	Color
RYB	56, 79, 104
Decimal	3696232
CIELab	40.15, -15.15, -6.06
CIELCh	40, 16.315, 201.804
Yxy	11.3430, 0.2534, 0.3237
Android (android.graphics.Color)	4281886312 (0xFF386668)
YUV	88.4740, 7.6543, -28.4797
Hunter-Lab	33.6793, -11.8699, -2.5105

Details

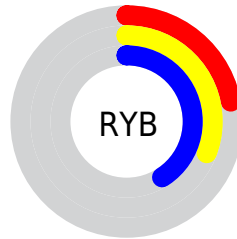
The Hex color **386668** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **683A38**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **6A999B**, and **013739** is the 20% darker color. If you saturate the color by 10%, you get **2E6668**, and if you desaturate by 10%, it is **426668**.

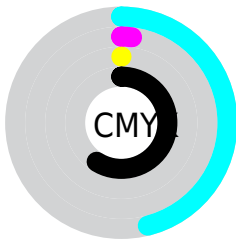
Distribution



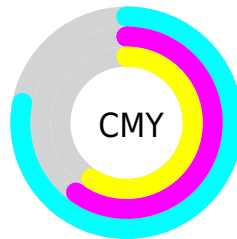
- Red (22%)
- Green (40%)
- Blue (41%)



- Red (22%)
- Yellow (31%)
- Blue (41%)



- Cyan (46%)
- Magenta (2%)
- Yellow (0%)
- Black (59%)



- Cyan (78%)
- Magenta (60%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 386668 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 386668 by changing the saturation by 10% instead.



386668



386668

FFFFFF



1F4E50



6A999B



013739



85B4B6



002124



9FD0D1



00020F



BBECEE



000000



D7FFFF



F4FFFF



386668



386668



2E6668



426668

■ 236568

■ 4D6768

■ 196568

■ 576768

■ 0E6468

■ 626868

■ 046468

■ 6C6868

■ 006468

■ 766968

■ 816968

■ 8B6968

■ 966A68

Harmonies

Analogous

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



41665A



386668



3B6473

Triad

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



386668



6C586F



6C5C44

Complementary

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



386668



683A38

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.



76584A



386668



775563

Square

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



386668



5C5C77



7A5555



5E6146

Rectangle

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



386668



446278



7A5555



705B46

Sweetspot

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



386668



748687



38683A



394445



C4C4C4



454545

Same Dimension

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



386668



3D8487



384E68



2E3333



006E73



00E8F2

Inverse Universe

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



683866



873D84



685238



332E33



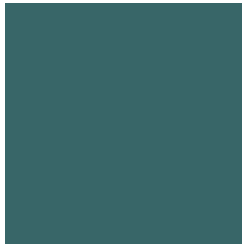
73006E



F200E8

Previews

White Background



This preview shows how the Hex color 386668 looks on a white background.

Color Contrast Check

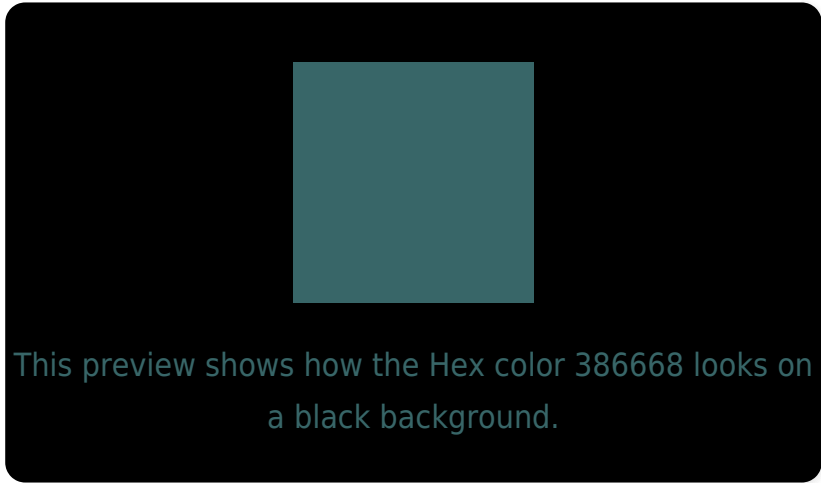
Large Text (above 18pt) WCAG AA ✓ Pass

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

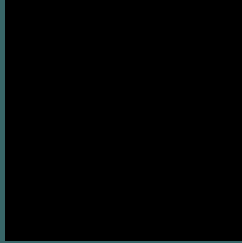
Any Text WCAG AA × Fail

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 386668 Background



This preview shows how black text looks on a background with the Hex color 386668.



This preview shows how white text looks on a background with the Hex color 386668.

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
386668

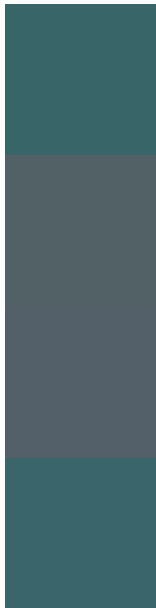
Protanopia
5F5E63

Deuteranopia
625C6A



Tritanopia
3A656D

Trichromacy



Original Color
386668

Protanomaly
516165

Deuteranomaly
536069

Tritanomaly
39656B

Monochromacy



Original Color
386668

Achromatopsia
585858

Achromatomaly
4C5D5E

CSS Examples

Text

The CSS property to change the color of the text to Hex 386668 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 #386668 looks like.

```
.text, #text, p{  
    color:#386668  
}
```

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 #386668 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #386668
}
```

Border

The CSS property to change the border of an element to Hex 386668 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
#386668 }
```

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

```
.border{ border-color:#386668 }
```

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

Here you see how a box with a 4 pixel #386668 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #386668; -webkit-box-shadow:4px 4px  
4px 4px #386668; box-shadow:4px 4px 4px  
4px #386668 }
```

Background

The CSS property to change the background color of an element to Hex 386668 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#386668 }
```

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

```
.background{ background-color:#386668 }
```

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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