

Converting Colors

Hex(386868)

Have a look what the booklet for
Hex(386868) contains.

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Color

Hex(386868)

Conversions

Conversions Part 1

Format	Color
Hex	386868
RGB	56, 104, 104
RGB Percent	22%, 41%, 41%
CMY	0.7804, 0.5922, 0.5922
CMYK	0.46, 0.00, 0.00, 0.59
HSL	180°, 30%, 31%
HSV	180°, 46%, 41%
XYZ	9.0799, 11.7409, 14.8844
YIQ	89.6480, -28.6080, -10.1760

Conversions

Conversions Part 2

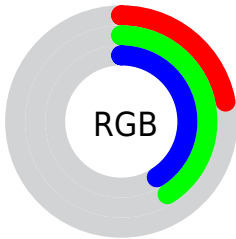
Format	Color
RYB	56, 80, 104
Decimal	3696744
CIELab	40.80, -16.26, -5.09
CIElCh	41, 17.043, 197.392
Yxy	11.7409, 0.2543, 0.3288
Android (android.graphics.Color)	4281886824 (0xFF386868)
YUV	89.6480, 7.0755, -29.5093
Hunter-Lab	34.2649, -12.6628, -1.7695

Details

The Hex color **386868** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **683838**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **6B9B9B**, and **013939** is the 20% darker color. If you saturate the color by 10%, you get **2E6868**, and if you desaturate by 10%, it is **426868**.

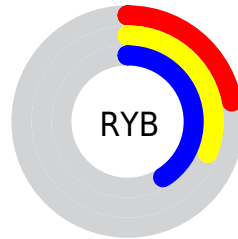
Distribution



Red (22%)

Green (41%)

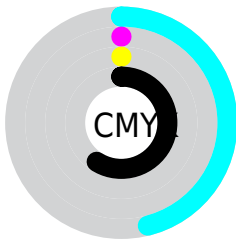
Blue (41%)



Red (22%)

Yellow (31%)

Blue (41%)

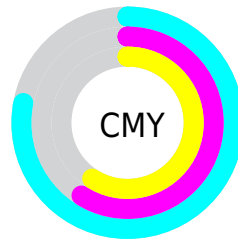


Cyan (46%)

Magenta (0%)

Yellow (0%)

Black (59%)



Cyan (78%)

Magenta (59%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 386868 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 386868 by changing the saturation by 10% instead.



386868



386868

FFFFFF



1F5050



6B9B9B



013939



85B6B6



002324



A0D2D1



00060F



BBEEEE



000000



D7FFFF



F4FFFF



386868



386868



2E6868



426868

■ 236868

■ 4D6868

■ 196868

■ 576868

■ 0E6868

■ 626868

■ 046868

■ 6C6868

■ 006868

■ 766868

■ 816868

■ 8B6868

■ 966868

Harmonies

Analogous

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



43685A



386868



396774

Triad

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



386868



6C5A73



705D45

Complementary

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



386868



683838

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.



79594C



386868



785767

Square

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



386868



5A5F7B



7D5658



626245

Rectangle

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



386868



41657A



7D5658



745C47

Sweetspot

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



386868



748787



386838



394545



C4C4C4



454545

Same Dimension

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



386868



3D8787



385068



2E3333



007373



00F2F2

Inverse Universe

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



683868



873D87



685038



332E33



730073



F200F2

Previews

White Background



This preview shows how the Hex color 386868 looks on a white background.

Color Contrast Check

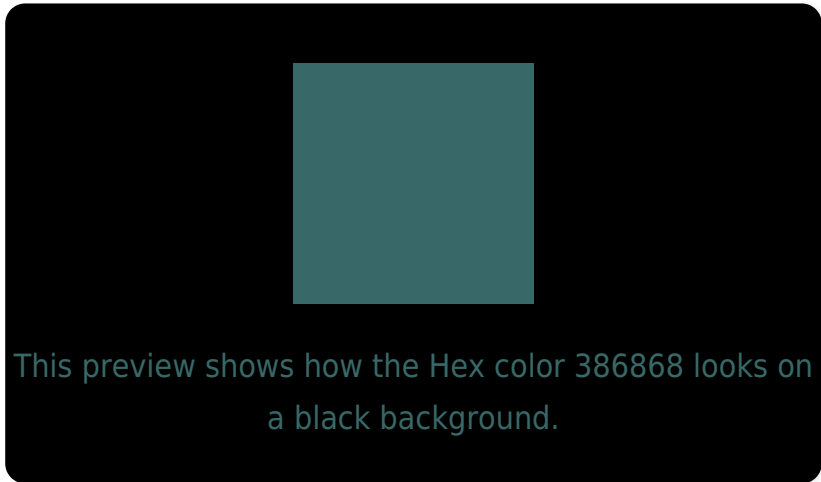
Large Text (above 18pt) WCAG AA ✓ Pass

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 386868 Background



This preview shows how black text looks on a background with the Hex color 386868.

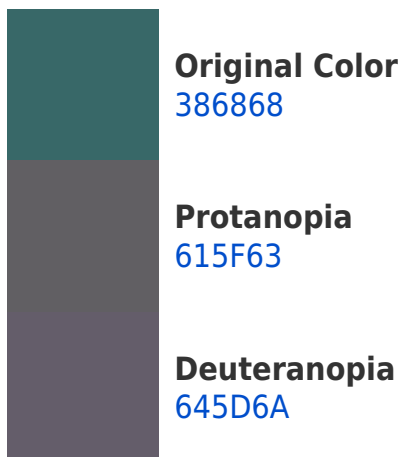



This preview shows how white text looks on a background with the Hex color 386868.

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](#).

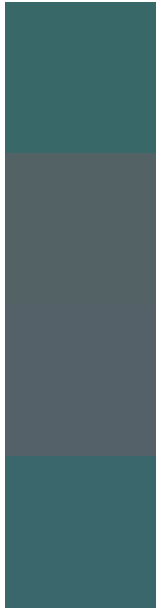
Dichromacy





Tritanopia
3A676F

Trichromacy



Original Color
386868

Protanomaly
526265

Deuteranomaly
546169

Tritanomaly
39676C

Monochromacy



Original Color
386868

Achromatopsia
5A5A5A

Achromatomaly
4E5F5F

CSS Examples

Text

The CSS property to change the color of the text to Hex 386868 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 #386868 looks like.

```
.text, #text, p{  
    color:#386868  
}
```

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 #386868 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #386868
}
```

Border

The CSS property to change the border of an element to Hex 386868 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".

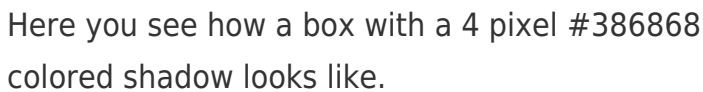
```
.border, #border, table{ border:4px solid
#386868 }
```

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

```
.border{ border-color:#386868 }
```

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

Here you see how a box with a 4 pixel #386868 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #386868; -webkit-box-shadow:4px 4px  
4px 4px #386868; box-shadow:4px 4px 4px  
4px #386868 }
```

Background

The CSS property to change the background color of an element to Hex 386868 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#386868 }
```

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

```
.background{ background-color:#386868 }
```

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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