

Converting Colors

Hex(38536D)

Have a look what the booklet for
Hex(38536D) contains.

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Color

Hex(38536D)

Conversions

Conversions Part 1

Format	Color
Hex	38536D
RGB	56, 83, 109
RGB Percent	22%, 33%, 43%
CMY	0.7804, 0.6745, 0.5725
CMYK	0.49, 0.24, 0.00, 0.57
HSL	209°, 32%, 32%
HSV	209°, 49%, 43%
XYZ	7.4845, 8.1314, 15.6430
YIQ	77.8910, -24.4380, 2.3620

Conversions

Conversions Part 2

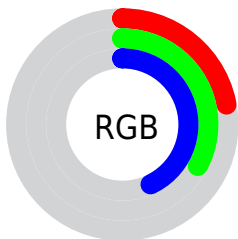
Format	Color
RYB	56, 74, 109
Decimal	3691373
CIELab	34.26, -2.31, -18.10
CIElCh	34, 18.249, 262.741
Yxy	8.1314, 0.2394, 0.2601
Android (android.graphics.Color)	4281881453 (0xFF38536D)
YUV	77.8910, 15.3367, -19.1984
Hunter-Lab	28.5156, -3.0516, -12.5643

Details

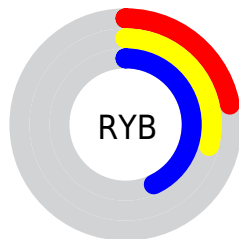
The Hex color **38536D** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **6D5238**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **6A84A1**, and **03263D** is the 20% darker color. If you saturate the color by 10%, you get **2D4E6D**, and if you desaturate by 10%, it is **43586D**.

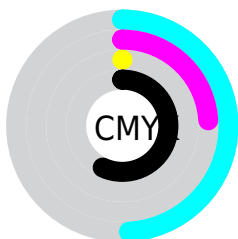
Distribution



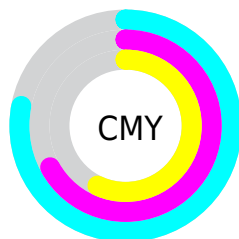
- Red (22%)
- Green (33%)
- Blue (43%)



- Red (22%)
- Yellow (29%)
- Blue (43%)



- Cyan (49%)
- Magenta (24%)
- Yellow (0%)
- Black (57%)



- Cyan (78%)
- Magenta (67%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 38536D 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 38536D by changing the saturation by 10% instead.

■ 38536D

■ 38536D

FFFFFF

■ 1F3C55

■ 6A84A1

■ 03263D

■ 849EBC

■ 001227

■ 9FB9D7

■ 000112

■ BAD5F4

■ 000000

■ D6F1FF

■ F3FFFF

■ 38536D

■ 38536D

■ 2D4E6D

■ 43586D

■ 22486D

■ 4E5E6D

■ 17436D

■ 59636D

■ 0C3E6D

■ 64686D

■ 02386D

■ 6F6E6D

■ 00386D

■ 79736D

■ 84786D

■ 8F7E6D

■ 9A836D

Harmonies

Analogous

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



255767



38536D



4E4E6B

Triad

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



38536D



6D4646



3F563F

Complementary

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



38536D



6D5238

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.



4F5336



38536D



694A3A

Square

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



38536D



6B4655



5E4E34



2E584C

Rectangle

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



38536D



5A4B66



5E4E34



44563B

Sweetspot

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



38536D



79848F



386D52



3B4147



C7C7C7



474747

Same Dimension

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



38536D



3C668F



38396D



303336



003C75



007DF5

Inverse Universe

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



6D3853



8F3C66



6D6C38



363033



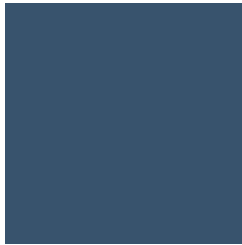
75003C



F5007D

Previews

White Background



This preview shows how the Hex color 38536D looks on a white background.

Color Contrast Check

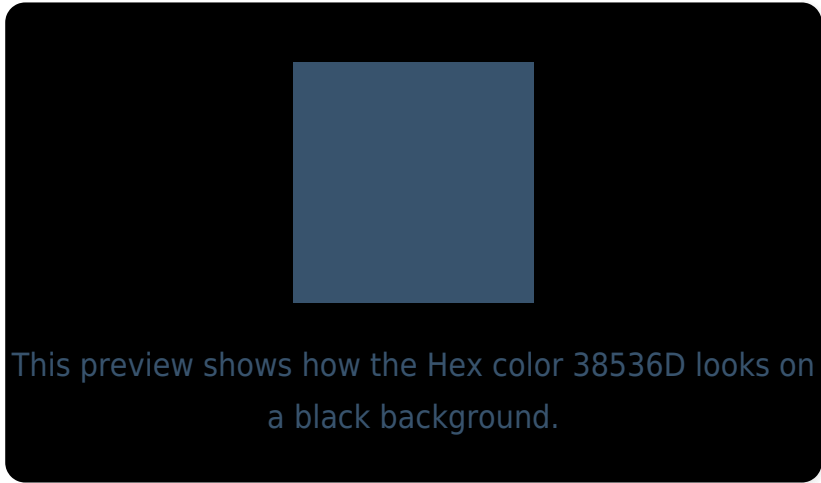
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

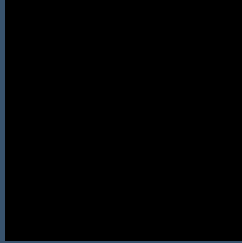
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

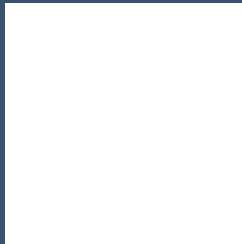
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 38536D Background



This preview shows how black text looks on a background with the Hex color 38536D.

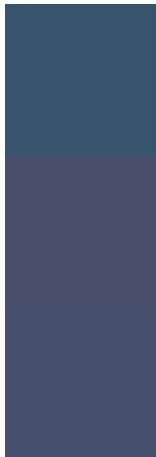


This preview shows how white text looks on a background with the Hex color 38536D.

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

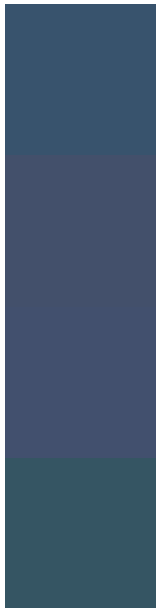


Original Color
38536D

Protanopia
494F6A

Deuteranopia
474F6E

Trichromacy



Original Color
38536D

Protanomaly
43506B

Deuteranomaly
42506E

Tritanomaly
355563

Monochromacy



Original Color
38536D

Achromatopsia
4E4E4E

Achromatomaly
465059

CSS Examples

Text

The CSS property to change the color of the text to Hex 38536D 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 #38536D looks like.

```
.text, #text, p{  
    color:#38536D  
}
```

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 #38536D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #38536D
}
```

Border

The CSS property to change the border of an element to Hex 38536D is called "border". The border property can be set on classes, ids or directly on the HTML element.

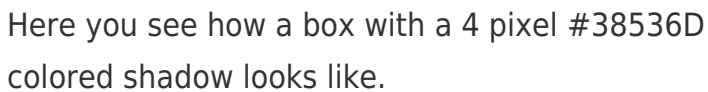
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#38536D }
```

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

```
.border{ border-color:#38536D }
```

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



Here you see how a box with a 4 pixel #38536D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #38536D; -webkit-box-shadow:4px 4px  
4px 4px #38536D; box-shadow:4px 4px 4px  
4px #38536D }
```

Background

The CSS property to change the background color of an element to Hex 38536D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#38536D }
```

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

```
.background{ background-color:#38536D }
```

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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