

Converting Colors

Hex(38517D)

Have a look what the booklet for
Hex(38517D) contains.

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Color

Hex(38517D)

Conversions

Conversions Part 1

Format	Color
Hex	38517D
RGB	56, 81, 125
RGB Percent	22%, 32%, 49%
CMY	0.7804, 0.6824, 0.5098
CMYK	0.55, 0.35, 0.00, 0.51
HSL	218°, 38%, 35%
HSV	218°, 55%, 49%
XYZ	8.2750, 8.2063, 20.5499
YIQ	78.5410, -29.0240, 8.3840

Conversions

Conversions Part 2

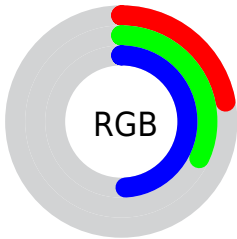
Format	Color
RYB	56, 74, 125
Decimal	3690877
CIELab	34.41, 4.33, -27.81
CIElCh	34, 28.144, 278.841
Yxy	8.2063, 0.2235, 0.2216
Android (android.graphics.Color)	4281880957 (0xFF38517D)
YUV	78.5410, 22.9043, -19.7685
Hunter-Lab	28.6466, 1.4308, -22.4795

Details

The Hex color **38517D** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **7D6438**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **6C82B2**, and **00254C** is the 20% darker color. If you saturate the color by 10%, you get **2C497D**, and if you desaturate by 10%, it is **45597D**.

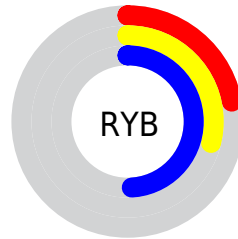
Distribution



Red (22%)

Green (32%)

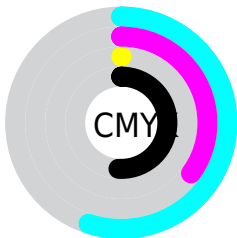
Blue (49%)



Red (22%)

Yellow (29%)

Blue (49%)

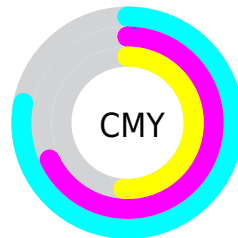


Cyan (55%)

Magenta (35%)

Yellow (0%)

Black (51%)



Cyan (78%)

Magenta (68%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 38517D 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 38517D by changing the saturation by 10% instead.

■ 38517D

■ 38517D

FFFFFF

■ 1D3A64

■ 6C82B2

■ 00254C

■ 869CCD

■ 001035

■ A2B7EA

■ 00021F

■ BDD2FF

■ 000002

■ DAEFFF

■ 000000

■ F7FFFF

■ 38517D

■ 38517D

■ 2C497D

■ 45597D

■ 1F417D

■ 51617D

■ 13397D

■ 5E697D

■ 06317D

■ 6A717D

■ 002D7D

■ 77797D

■ 83817D

■ 90897D

■ 9C917D

■ A9997D

Harmonies

Analogous

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



00587A



38517D



5C4874

Triad

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



38517D



784236



215B40

Complementary

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



38517D



7D6438

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.



40582D



38517D



6C4A27

Square

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



38517D



7B3E4B



585223



005C57

Rectangle

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



38517D



6C4368



585223



2D5A39

Sweetspot

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



38517D



8792A3



387D64



414752



D1D1D1



525252

Same Dimension

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



38517D



375FA3



41387D



393C40



002E80



000000

Inverse Universe

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



7D3851



A3375F



747D38



40393C



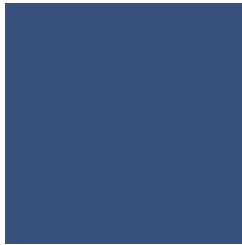
80002E



000000

Previews

White Background



This preview shows how the Hex color 38517D looks on a white background.

Color Contrast Check

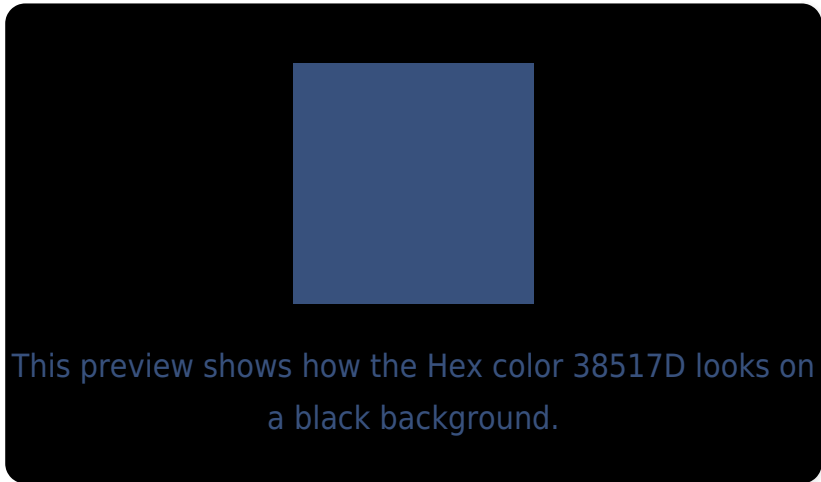
Large Text (above 18pt) WCAG AA ✓ Pass

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 38517D Background



This preview shows how black text looks on a background with the Hex color 38517D.



This preview shows how white text looks on a background with the Hex color 38517D.

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
38517D

Protanopia
414F7B

Deuteranopia
3A517D



Tritanopia
2C575E

Trichromacy



Original Color
38517D

Protanomaly
3E507C

Deuteranomaly
39517D

Tritanomaly
305569

Monochromacy



Original Color
38517D

Achromatopsia
4F4F4F

Achromatomaly
475060

CSS Examples

Text

The CSS property to change the color of the text to Hex 38517D 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 #38517D looks like.

```
.text, #text, p{  
    color:#38517D  
}
```

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 #38517D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #38517D
}
```

Border

The CSS property to change the border of an element to Hex 38517D 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
#38517D }
```

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

```
.border{ border-color:#38517D }
```

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

Here you see how a box with a 4 pixel #38517D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #38517D; -webkit-box-shadow:4px 4px  
4px 4px #38517D; box-shadow:4px 4px 4px  
4px #38517D }
```

Background

The CSS property to change the background color of an element to Hex 38517D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#38517D }
```

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

```
.background{ background-color:#38517D }
```

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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