

Converting Colors

Hex(537383)

Have a look what the booklet for
Hex(537383) contains.

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Color

Hex(537383)

Conversions

Conversions Part 1

Format	Color
Hex	537383
RGB	83, 115, 131
RGB Percent	33%, 45%, 51%
CMY	0.6745, 0.5490, 0.4863
CMYK	0.37, 0.12, 0.00, 0.49
HSL	200°, 22%, 42%
HSV	200°, 37%, 51%
XYZ	13.7947, 15.7392, 23.7836
YIQ	107.2560, -24.2080, -1.8080

Conversions

Conversions Part 2

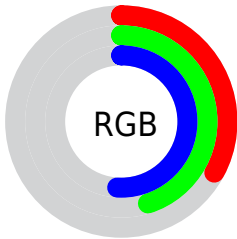
Format	Color
RYB	83, 102, 131
Decimal	5469059
CIELab	46.63, -7.20, -12.47
CIElCh	47, 14.394, 239.999
Yxy	15.7392, 0.2587, 0.2952
Android (android.graphics.Color)	4283659139 (0xFF537383)
YUV	107.2560, 11.7058, -21.2725
Hunter-Lab	39.6726, -7.3600, -7.7734

Details

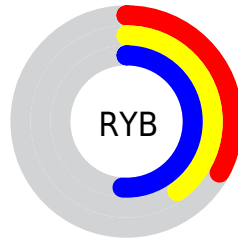
The Hex color **537383** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **836353**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **86A7B8**, and **224352** is the 20% darker color. If you saturate the color by 10%, you get **466F83**, and if you desaturate by 10%, it is **607783**.

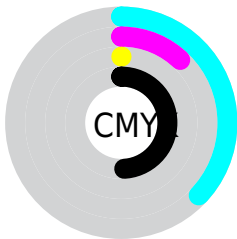
Distribution



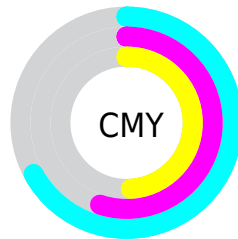
- Red (33%)
- Green (45%)
- Blue (51%)



- Red (33%)
- Yellow (40%)
- Blue (51%)



- Cyan (37%)
- Magenta (12%)
- Yellow (0%)
- Black (49%)



- Cyan (67%)
- Magenta (55%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 537383 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 537383 by changing the saturation by 10% instead.

■ 537383

■ 537383

FFFFFF

■ 3A5A6A

■ 86A7B8

■ 224352

■ A1C2D4

■ 082D3B

■ BCDEF0

■ 001925

■ D8FBFF

■ 00010F

■ F5FFFF

■ 000000

■ 537383

■ 537383

■ 466F83

■ 607783

■ 396A83

■ 6D7C83

■ 2C6683

■ 7A8083

■ 1F6283

■ 878483

■ 125D83

■ 948983

■ 045983

■ A28D83

■ 005783

■ AF9283

■ BC9683

■ C99A83

Harmonies

Analogous

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



4D757A



537383



617086

Triad

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



537383



86666F



6B7159

Complementary

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



537383



836353

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.



786E56



537383



876763

Square

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



537383



7E687B



826A5A



5D7462

Rectangle

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



537383



6B6D85



826A5A



6F7058

Sweetspot

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



537383



98A5AB



538363



4B5357



D6D6D6



575757

Same Dimension

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



537383



6092AB



535C83



3C4042



005782



000203

Inverse Universe

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



835373



AB6092



837B53



423C40



820057



030002

Previews

White Background



This preview shows how the Hex color 537383 looks on a white background.

Color Contrast Check

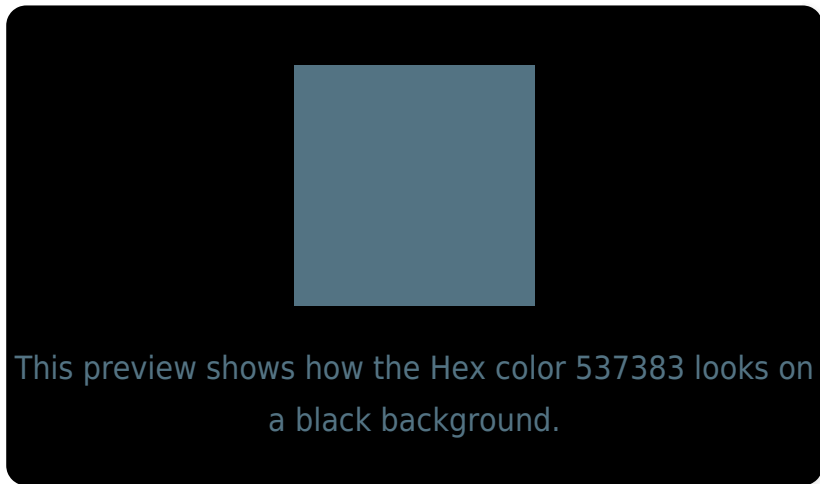
Large Text (above 18pt) WCAG AA ✓ Pass

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

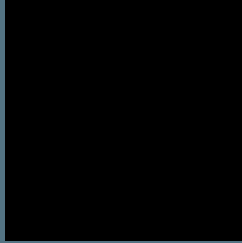
Any Text WCAG AA × Fail

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 537383 Background



This preview shows how black text looks on a background with the Hex color 537383.

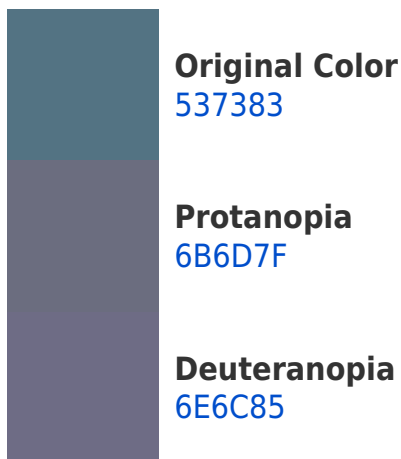


This preview shows how white text looks on a background with the Hex color 537383.

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
52747D

Trichromacy



Original Color
537383

Protanomaly
626F80

Deuteranomaly
646F84

Tritanomaly
52747F

Monochromacy



Original Color
537383

Achromatopsia
6B6B6B

Achromatomaly
626E74

CSS Examples

Text

The CSS property to change the color of the text to Hex 537383 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 #537383 looks like.

```
.text, #text, p{  
    color:#537383  
}
```

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 #537383 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #537383
}
```

Border

The CSS property to change the border of an element to Hex 537383 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
#537383 }
```

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

```
.border{ border-color:#537383 }
```

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

Here you see how a box with a 4 pixel #537383 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #537383; -webkit-box-shadow:4px 4px  
4px 4px #537383; box-shadow:4px 4px 4px  
4px #537383 }
```

Background

The CSS property to change the background color of an element to Hex 537383 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#537383 }
```

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

```
.background{ background-color:#537383 }
```

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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