

Converting Colors

Hex(537B89)

Have a look what the booklet for
Hex(537B89) contains.

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Color

Hex(537B89)

Conversions

Conversions Part 1

Format	Color
Hex	537B89
RGB	83, 123, 137
RGB Percent	33%, 48%, 54%
CMY	0.6745, 0.5176, 0.4627
CMYK	0.39, 0.10, 0.00, 0.46
HSL	196°, 25%, 43%
HSV	196°, 39%, 54%
XYZ	15.1656, 17.8111, 26.3055
YIQ	112.6360, -28.3340, -4.1260

Conversions

Conversions Part 2

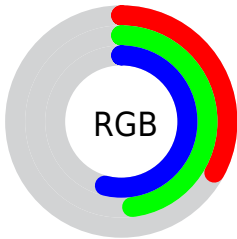
Format	Color
R _Y B	83, 106, 137
Decimal	5471113
CIE Lab	49.27, -10.13, -12.04
CIE LCh	49, 15.730, 229.922
Yxy	17.8111, 0.2558, 0.3004
Android (android.graphics.Color)	4283661193 (0xFF537B89)
YUV	112.6360, 12.0115, -25.9908
Hunter-Lab	42.2032, -9.7120, -7.4136

Details

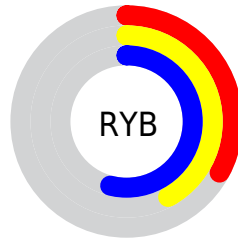
The Hex color **537B89** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **896153**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **87AFBE**, and **214A57** is the 20% darker color. If you saturate the color by 10%, you get **457789**, and if you desaturate by 10%, it is **617F89**.

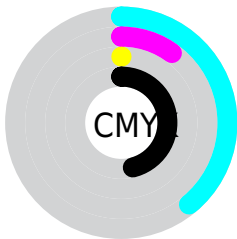
Distribution



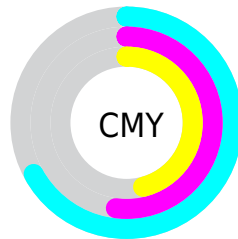
- Red (33%)
- Green (48%)
- Blue (54%)



- Red (33%)
- Yellow (42%)
- Blue (54%)



- Cyan (39%)
- Magenta (10%)
- Yellow (0%)
- Black (46%)



- Cyan (67%)
- Magenta (52%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 537B89 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 537B89 by changing the saturation by 10% instead.

■ 537B89

■ 537B89

FFFFFF

■ 3A6270

■ 87AFBE

■ 214A57

■ A2CBDA

■ 033440

■ BDE7F7

■ 001E2A

■ D9FFFF

■ 000116

■ F6FFFF

■ 000000

■ 537B89

■ 537B89

■ 457789

■ 617F89

■ 387489

■ 6E8289

■ 2A7089

■ 7C8689

■ 1C6D89

■ 8A8989

■ 0E6989

■ 988D89

■ 016689

■ A59089

■ 006589

■ B39489

■ C19789

■ CE9B89

Harmonies

Analogous

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



517D7E



537B89



60788F

Triad

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



537B89



8D6C7A



76775C

Complementary

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



537B89



896153

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.



84735B



537B89



916C6D

Square

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



537B89



826F86



8D6F61



677A64

Rectangle

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



537B89



6B758F



8D6F61



7B765B

Sweetspot

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



537B89



9DADB3



538961



4D5659



D9D9D9



595959

Same Dimension

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



537B89



5F9DB3



536189



3E4345



006285



000405

Inverse Universe

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



89537B



B35F9D



897C53



453E43



850062



050004

Previews

White Background



This preview shows how the Hex color 537B89 looks on a white background.

Color Contrast Check

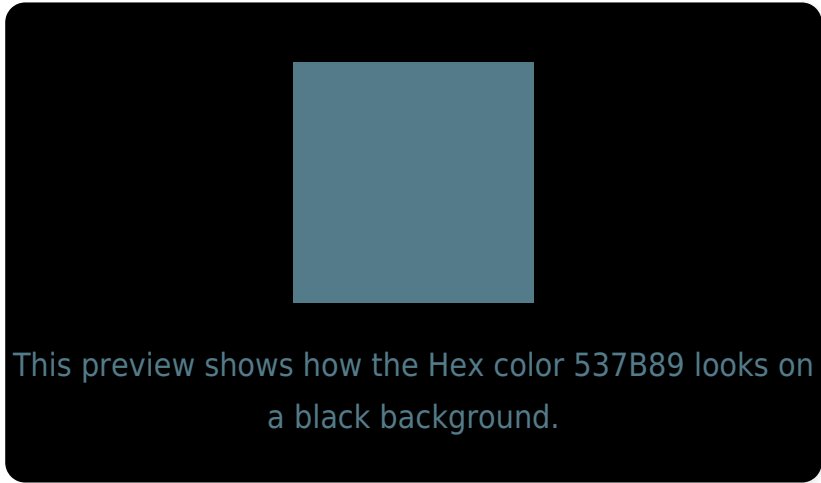
Large Text (above 18pt) WCAG AA ✓ Pass

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

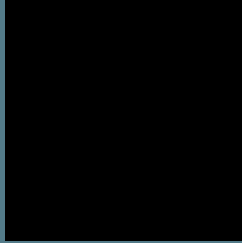
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

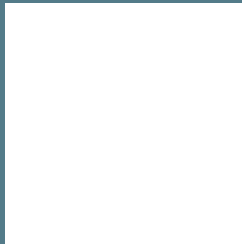
Any Text WCAG AAA × Fail

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

Hex 537B89 Background



This preview shows how black text looks on a background with the Hex color 537B89.

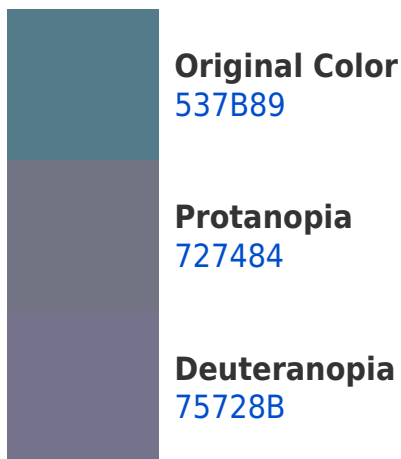



This preview shows how white text looks on a background with the Hex color 537B89.

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
527C86

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 537B89 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 #537B89 looks like.

```
.text, #text, p{  
    color:#537B89  
}
```

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 #537B89 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #537B89
}
```

Border

The CSS property to change the border of an element to Hex 537B89 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
#537B89 }
```

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

```
.border{ border-color:#537B89 }
```

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

Here you see how a box with a 4 pixel #537B89 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #537B89; -webkit-box-shadow:4px 4px  
4px 4px #537B89; box-shadow:4px 4px 4px  
4px #537B89 }
```

Background

The CSS property to change the background color of an element to Hex 537B89 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#537B89 }
```

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

```
.background{ background-color:#537B89 }
```

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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