

Converting Colors

Hex(537A87)

Have a look what the booklet for
Hex(537A87) contains.

| | |
|--|----|
| Hex(537A87) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Hex(537A87)

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 537A87 |
| RGB | 83, 122, 135 |
| RGB Percent | 33%, 48%, 53% |
| CMY | 0.6745, 0.5216, 0.4706 |
| CMYK | 0.39, 0.10, 0.00, 0.47 |
| HSL | 195°, 24%, 43% |
| HSV | 195°, 39%, 53% |
| XYZ | 14.9000, 17.5073, 25.5156 |
| YIQ | 111.8210, -27.4170, -4.2250 |

Conversions

Conversions Part 2

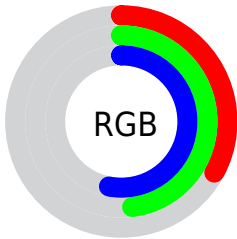
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 83, 105, 135 |
| Decimal | 5470855 |
| CIE _{Lab} | 48.89, -10.11, -11.42 |
| CIE _{LCh} | 49, 15.253, 228.477 |
| Yxy | 17.5073, 0.2572, 0.3023 |
| Android (android.graphics.Color) | 4283660935 (0xFF537A87) |
| YUV | 111.8210, 11.4272, -25.2760 |
| Hunter-Lab | 41.8418, -9.6587, -6.8665 |

Details

The Hex color **537A87** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **876053**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **87AEBC**, and **214955** is the 20% darker color. If you saturate the color by 10%, you get **467787**, and if you desaturate by 10%, it is **617D87**.

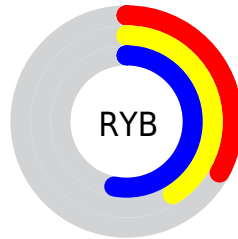
Distribution



Red (33%)

Green (48%)

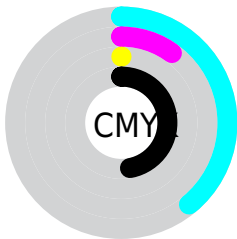
Blue (53%)



Red (33%)

Yellow (41%)

Blue (53%)

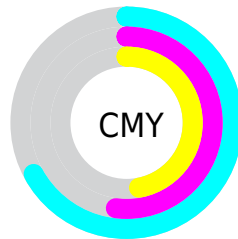


Cyan (39%)

Magenta (10%)

Yellow (0%)

Black (47%)



Cyan (67%)

Magenta (52%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 537A87 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 537A87 by changing the saturation by 10% instead.



537A87



537A87

FFFFFF



3A616E



87AEBC



214955



A1CAD8



04333E



BDE6F4



001E28



D9FFFF



000114



F6FFFF



000000



537A87



537A87



467787



617D87



387387



6E8187

■ 2B7087

■ 7B8487

■ 1D6D87

■ 898887

■ 106987

■ 968B87

■ 026687

■ A48E87

■ 006587

■ B29287

■ BF9587

■ CD9887

Harmonies

Analogous

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



517C7C



537A87



5F778D

Triad

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



537A87



8B6C7A



76765C

Complementary

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



537A87



876053

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.



83725B



537A87



8F6B6D

Square

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



537A87



806E85



8C6E61



677963

Rectangle

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



537A87



6A748D



8C6E61



7A745B

Sweetspot

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



537A87



9BABB0



538760



4D5659



D9D9D9



595959

Same Dimension

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



537A87



5F9CB0



536087



3C4142



006282



000203

Inverse Universe

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



87537A



B05F9C



877A53



423C41



820062



030002

Previews

White Background



This preview shows how the Hex color 537A87 looks on a white background.

Color Contrast Check

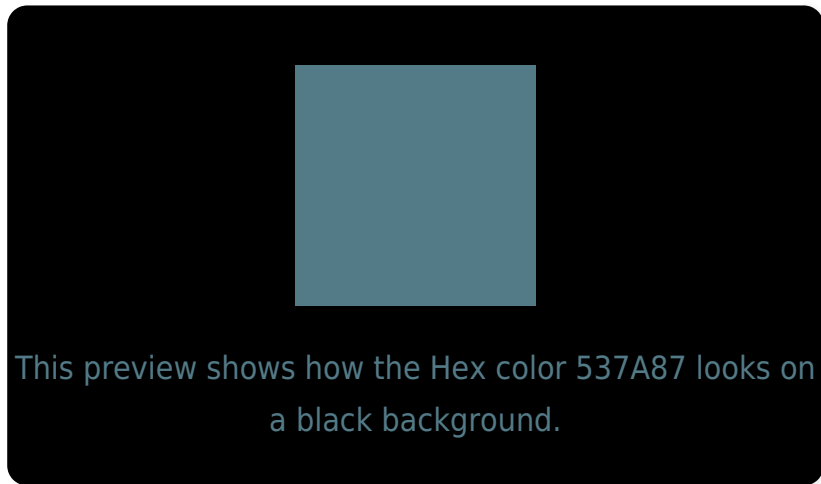
Large Text (above 18pt) WCAG AA ✓ Pass

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

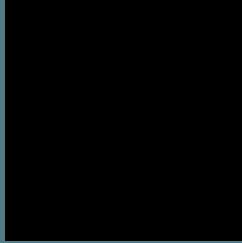
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

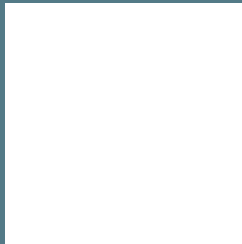
Any Text WCAG AAA × Fail

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

Hex 537A87 Background



This preview shows how black text looks on a background with the Hex color 537A87.

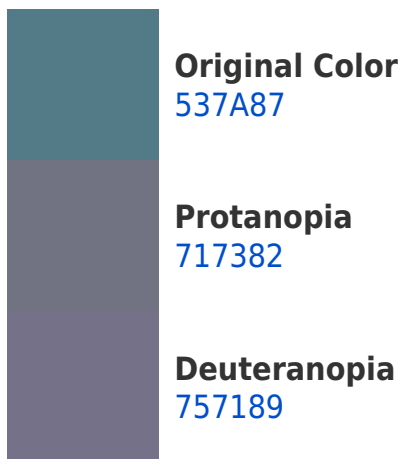



This preview shows how white text looks on a background with the Hex color 537A87.

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](#).

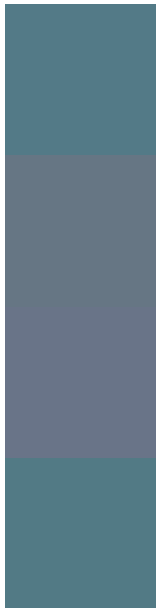
Dichromacy





Tritanopia
527A84

Trichromacy



Original Color
537A87

Protanomaly
667684

Deuteranomaly
697488

Tritanomaly
527A85

Monochromacy



Original Color
537A87

Achromatopsia
707070

Achromatomaly
657478

CSS Examples

Text

The CSS property to change the color of the text to Hex 537A87 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 #537A87 looks like.

```
.text, #text, p{  
    color:#537A87  
}
```

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 #537A87 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #537A87
}
```

Border

The CSS property to change the border of an element to Hex 537A87 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
#537A87 }
```

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

```
.border{ border-color:#537A87 }
```

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

Here you see how a box with a 4 pixel #537A87 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #537A87; -webkit-box-shadow:4px 4px  
4px 4px #537A87; box-shadow:4px 4px 4px  
4px #537A87 }
```

Background

The CSS property to change the background color of an element to Hex 537A87 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#537A87 }
```

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

```
.background{ background-color:#537A87 }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor