

Converting Colors

Hex(537D93)

Have a look what the booklet for
Hex(537D93) contains.

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Color

Hex(537D93)

Conversions

Conversions Part 1

Format	Color
Hex	537D93
RGB	83, 125, 147
RGB Percent	33%, 49%, 58%
CMY	0.6745, 0.5098, 0.4235
CMYK	0.44, 0.15, 0.00, 0.42
HSL	201°, 28%, 45%
HSV	201°, 44%, 58%
XYZ	16.1674, 18.6128, 30.3443
YIQ	114.9500, -32.0940, -2.0620

Conversions

Conversions Part 2

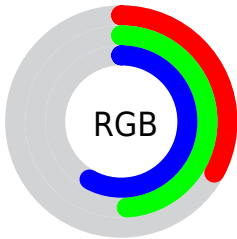
Format	Color
R _Y B	83, 108, 147
Decimal	5471635
CIE Lab	50.23, -8.44, -16.45
CIE LCh	50, 18.487, 242.827
Yxy	18.6128, 0.2483, 0.2858
Android (android.graphics.Color)	4283661715 (0xFF537D93)
YUV	114.9500, 15.8006, -28.0202
Hunter-Lab	43.1426, -8.6080, -11.5018

Details

The Hex color **537D93** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **936953**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **87B2C9**, and **1F4C60** is the 20% darker color. If you saturate the color by 10%, you get **447893**, and if you desaturate by 10%, it is **628293**.

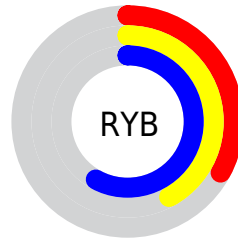
Distribution



Red (33%)

Green (49%)

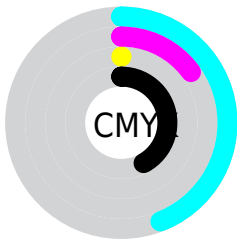
Blue (58%)



Red (33%)

Yellow (42%)

Blue (58%)

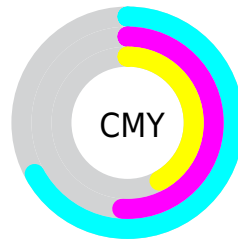


Cyan (44%)

Magenta (15%)

Yellow (0%)

Black (42%)



Cyan (67%)

Magenta (51%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 537D93 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 537D93 by changing the saturation by 10% instead.

■ 537D93

■ 537D93

FFFFFF

■ 396479

■ 87B2C9

■ 1F4C60

■ A3CDE5

■ 003549

■ BEE9FF

■ 002032

■ DBFFFF

■ 00031D

■ F8FFFF

■ 000000

■ 537D93

■ 537D93

■ 447893

■ 628293

■ 367393

■ 708793

■ 276E93

■ 7F8C93

■ 186993

■ 8E9193

■ 0A6493

■ 9D9693

■ 006093

■ AB9B93

■ BAA093

■ C9A593

■ D7AA93

Harmonies

Analogous

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



4A8088



537D93



677897

Triad

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



537D93



966C77



717C5D

Complementary

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



537D93



936953

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.



827758



537D93



976E67

Square

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



537D93



8D6E86



8F725C



5F7F69

Rectangle

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



537D93



757594



8F725C



777A5A

Sweetspot

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



537D93



A6B7BF



539368



515C61



E0E0E0



616161

Same Dimension

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



537D93



5C9DBF



535E93



43474A



005A8A



00070A

Inverse Universe

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



93537D



BF5C9D



938853



4A4347



8A005A



0A0007

Previews

White Background



This preview shows how the Hex color 537D93 looks on a white background.

Color Contrast Check

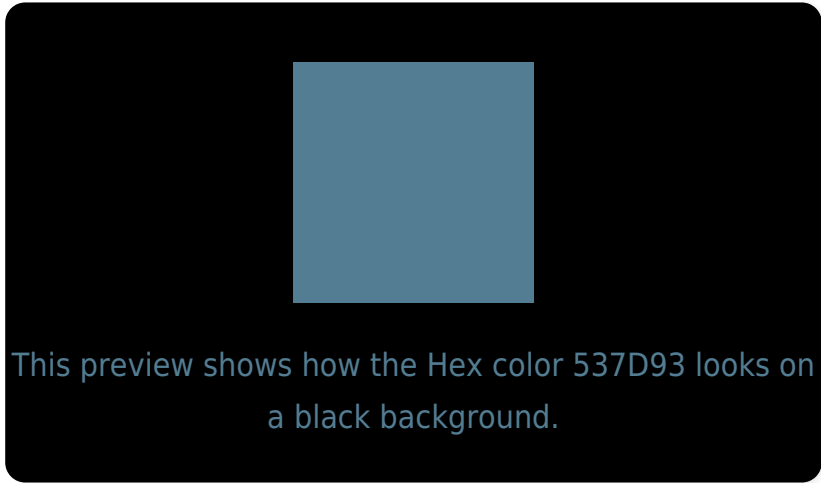
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

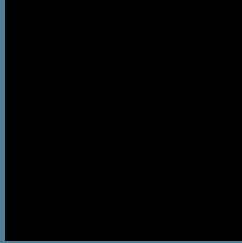
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

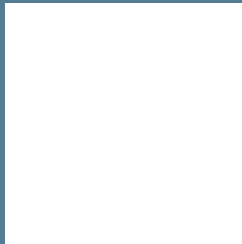
Any Text WCAG AAA × Fail

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

Hex 537D93 Background



This preview shows how black text looks on a background with the Hex color 537D93.

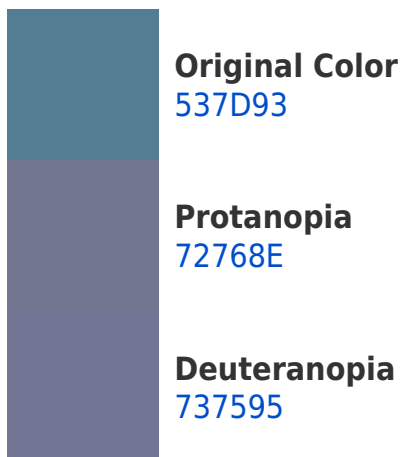


This preview shows how white text looks on a background with the Hex color 537D93.

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
507F89

Trichromacy



Original Color
537D93

Protanomaly
677990

Deuteranomaly
677894

Tritanomaly
517E8D

Monochromacy



Original Color
537D93

Achromatopsia
737373

Achromatomaly
67777F

CSS Examples

Text

The CSS property to change the color of the text to Hex 537D93 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 #537D93 looks like.

```
.text, #text, p{  
    color:#537D93  
}
```

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 #537D93 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #537D93
}
```

Border

The CSS property to change the border of an element to Hex 537D93 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
#537D93 }
```

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

```
.border{ border-color:#537D93 }
```

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

Here you see how a box with a 4 pixel #537D93 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #537D93; -webkit-box-shadow:4px 4px  
4px 4px #537D93; box-shadow:4px 4px 4px  
4px #537D93 }
```

Background

The CSS property to change the background color of an element to Hex 537D93 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#537D93 }
```

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

```
.background{ background-color:#537D93 }
```

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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