

Converting Colors

Hex(537497)

Have a look what the booklet for
Hex(537497) contains.

Hex(537497)	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(537497)

Conversions

Conversions Part 1

Format	Color
Hex	537497
RGB	83, 116, 151
RGB Percent	33%, 45%, 59%
CMY	0.6745, 0.5451, 0.4078
CMYK	0.45, 0.23, 0.00, 0.41
HSL	211°, 29%, 46%
HSV	211°, 45%, 59%
XYZ	15.3986, 16.5641, 31.6638
YIQ	110.1230, -30.9030, 3.8890

Conversions

Conversions Part 2

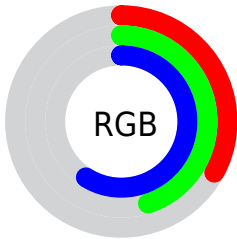
Format	Color
R _Y B	83, 105, 151
Decimal	5469335
CIE Lab	47.71, -2.02, -22.67
CIE LCh	48, 22.756, 264.904
Yxy	16.5641, 0.2420, 0.2603
Android (android.graphics.Color)	4283659415 (0xFF537497)
YUV	110.1230, 20.1524, -23.7869
Hunter-Lab	40.6991, -3.6875, -17.6381

Details

The Hex color **537497** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **977653**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **88A8CD**, and **1F4464** is the 20% darker color. If you saturate the color by 10%, you get **446C97**, and if you desaturate by 10%, it is **627C97**.

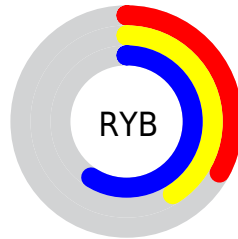
Distribution



Red (33%)

Green (45%)

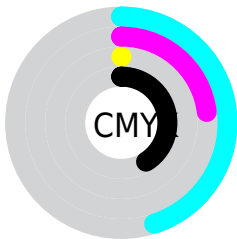
Blue (59%)



Red (33%)

Yellow (41%)

Blue (59%)

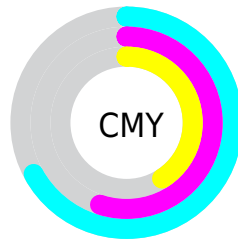


Cyan (45%)

Magenta (23%)

Yellow (0%)

Black (41%)



Cyan (67%)

Magenta (55%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 537497 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 537497 by changing the saturation by 10% instead.

■ 537497

■ 537497

FFFFFF

■ 395B7D

■ 88A8CD

■ 1F4464

■ A3C3EA

■ 002E4C

■ BEDFFF

■ 001A35

■ DBFCFF

■ 000220

■ F8FFFF

■ 000004

■ 000000

■ 537497

■ 537497

■ 446C97

■ 627C97

■ 356497

■ 718497

■ 265D97

■ 808B97

■ 175597

■ 8F9397

■ 084D97

■ 9F9B97

■ 004997

■ AEA397

■ BDAA97

■ CCB297

■ DBBA97

Harmonies

Analogous

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



3A7990



537497



6F6D94

Triad

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



537497



976462



58795B

Complementary

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



537497



977653

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.



6E754E



537497



906853

Square

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



537497



946375



826F4B



427C6D

Rectangle

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



537497



80698C



826F4B



5F7856

Sweetspot

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



537497



A9B6C4



539775



535B63



E3E3E3



636363

Same Dimension

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



537497



5A8EC4



535397



45494D



00448C



00060D

Inverse Universe

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



975374



C45A8E



979753



4D4549



8C0044



0D0006

Previews

White Background



This preview shows how the Hex color 537497 looks on a white background.

Color Contrast Check

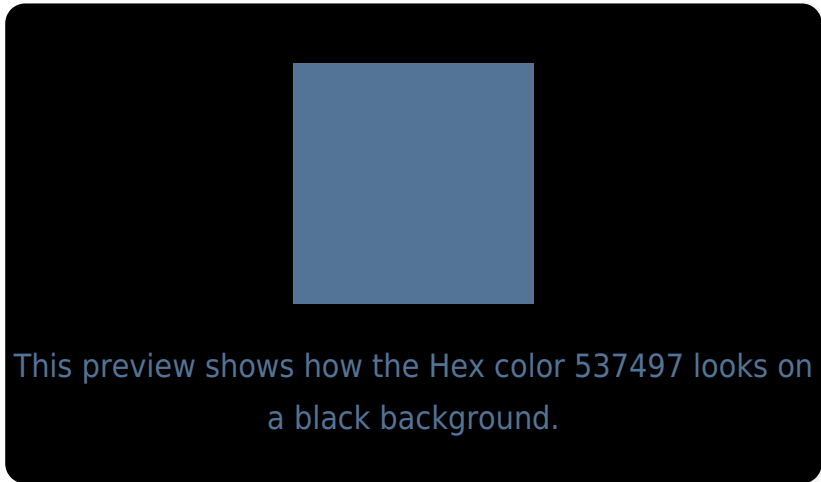
Large Text (above 18pt) WCAG AA ✓ Pass

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

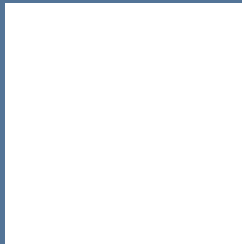
Any Text WCAG AAA × Fail

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

Hex 537497 Background



This preview shows how black text looks on a background with the Hex color 537497.

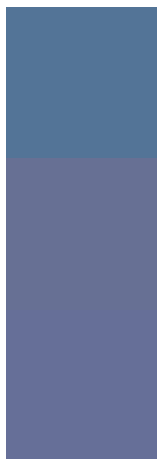


This preview shows how white text looks on a background with the Hex color 537497.

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
537497

Protanopia
677094

Deuteranopia
666F98



Tritanopia
4D7882

Trichromacy



Original Color
537497

Protanomaly
607195

Deuteranomaly
5F7198

Tritanomaly
4F778A

Monochromacy



Original Color
537497

Achromatopsia
6E6E6E

Achromatomaly
64707D

CSS Examples

Text

The CSS property to change the color of the text to Hex 537497 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 #537497 looks like.

```
.text, #text, p{  
    color:#537497  
}
```

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 #537497 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #537497
}
```

Border

The CSS property to change the border of an element to Hex 537497 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
#537497 }
```

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

```
.border{ border-color:#537497 }
```

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

Here you see how a box with a 4 pixel #537497 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #537497; -webkit-box-shadow:4px 4px  
4px 4px #537497; box-shadow:4px 4px 4px  
4px #537497 }
```

Background

The CSS property to change the background color of an element to Hex 537497 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#537497 }
```

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

```
.background{ background-color:#537497 }
```

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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