

# Converting Colors

Hex(537491)

Have a look what the booklet for  
Hex(537491) contains.

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# Color

**Hex(537491)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	537491
RGB	83, 116, 145
RGB Percent	33%, 45%, 57%
CMY	0.6745, 0.5451, 0.4314
CMYK	0.43, 0.20, 0.00, 0.43
HSL	208°, 27%, 45%
HSV	208°, 43%, 57%
XYZ	14.9235, 16.3741, 29.1620
YIQ	109.4390, -28.9770, 2.0230

# Conversions

## Conversions Part 2

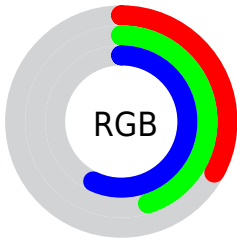
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	83, 105, 145
Decimal	5469329
CIE Lab	47.46, -3.80, -19.50
CIE LCh	47, 19.869, 258.975
Yxy	16.3741, 0.2468, 0.2708
Android (android.graphics.Color)	4283659409 (0xFF537491)
YUV	109.4390, 17.5316, -23.1870
Hunter-Lab	40.4649, -4.9827, -14.4033

# Details

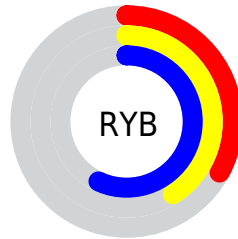
The Hex color **537491** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **917053**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **87A8C7**, and **20445E** is the 20% darker color. If you saturate the color by 10%, you get **456D91**, and if you desaturate by 10%, it is **627B91**.

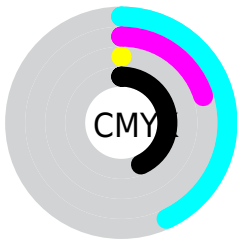
# Distribution



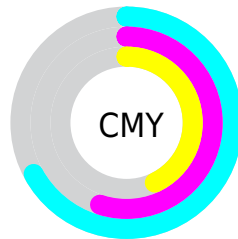
- Red (33%)
- Green (45%)
- Blue (57%)



- Red (33%)
- Yellow (41%)
- Blue (57%)



- Cyan (43%)
- Magenta (20%)
- Yellow (0%)
- Black (43%)



- Cyan (67%)
- Magenta (55%)
- Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 537491 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 537491 by changing the saturation by 10% instead.



■ 537491

■ 537491

FFFFFF

■ 3A5B77

■ 87A8C7

■ 20445E

■ A2C3E3

■ 002E47

■ BEDFFF

■ 001930

■ DAFcff

■ 00011B

■ F7FFFF

■ 000000

■ 537491

■ 537491

■ 456D91

■ 627B91

■ 366691

■ 708291

■ 276091

■ 7F8891

■ 195991

■ 8D8F91

■ 0B5291

■ 9B9691

■ 004D91

■ AA9D91

■ B9A391

■ C7AA91

■ D5B191

# Harmonies

## Analogous

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



417889



537491



6B6E90

# Triad

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



537491



936566



5F775A

# Complementary

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



537491



917053

# 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.



727351



537491



8E6858

# Square

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



537491



8E6577



826D50



4C7A6A

# Rectangle

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



537491



796B8B



826D50



657656



# Sweetspot

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



537491



A4B1BD



539170



4F575E



DEDEDE



5E5E5E



# Same Dimension

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



537491



5C90BD



535591



404447



004887



000408



# Inverse Universe

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



915374



BD5C90



918F53



474044



870048



080004



# Previews

## White Background



This preview shows how the Hex color 537491 looks on a white background.

## Color Contrast Check

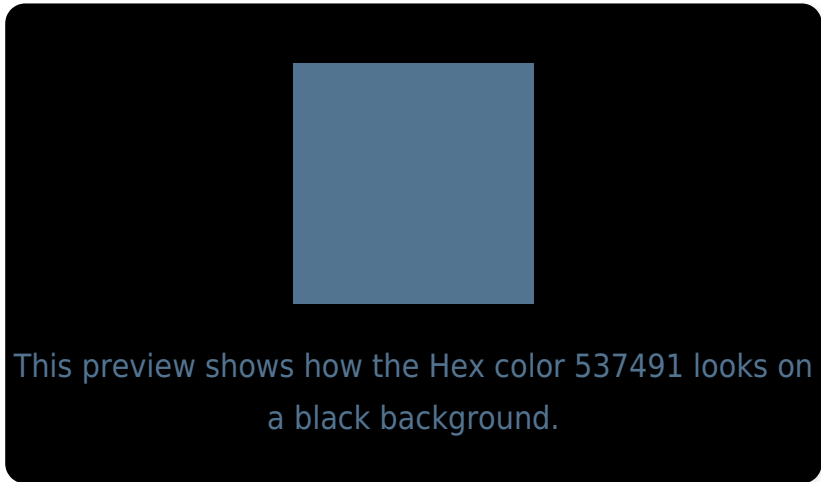
Large Text (above 18pt) WCAG AA ✓ Pass

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

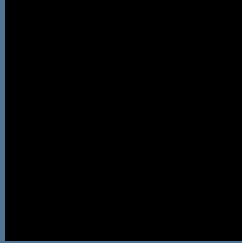
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

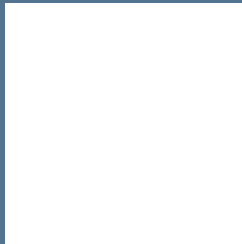
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 537491 Background



This preview shows how black text looks on a background with the Hex color 537491.

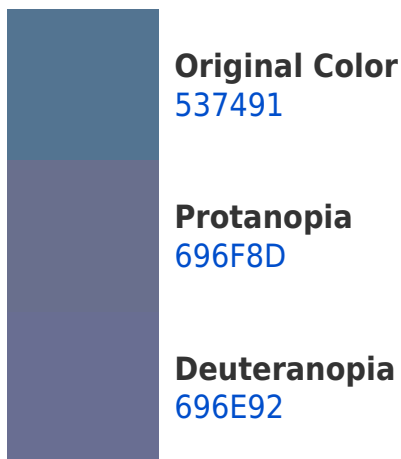


This preview shows how white text looks on a background with the Hex color 537491.

# 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](#).

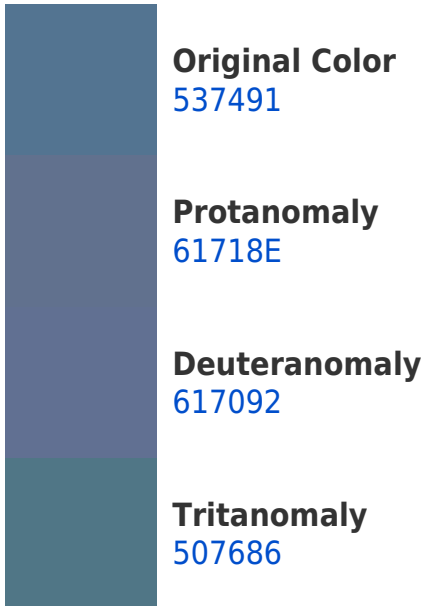
## Dichromacy





**Tritanopia**  
4E7780

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 537491 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 #537491 looks like.

```
.text, #text, p{  
    color:#537491  
}
```

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 #537491 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #537491
}
```

## Border

The CSS property to change the border of an element to Hex 537491 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
#537491 }
```

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

```
.border{ border-color:#537491 }
```

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

Here you see how a box with a 4 pixel #537491 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #537491; -webkit-box-shadow:4px 4px  
4px 4px #537491; box-shadow:4px 4px 4px  
4px #537491 }
```

# Background

The CSS property to change the background color of an element to Hex 537491 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#537491 }
```

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

```
.background{ background-color:#537491 }
```

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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