

Converting Colors

Hex(60537A)

Have a look what the booklet for
Hex(60537A) contains.

Hex(60537A)	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(60537A)

Conversions

Conversions Part 1

Format	Color
Hex	60537A
RGB	96, 83, 122
RGB Percent	38%, 33%, 48%
CMY	0.6235, 0.6745, 0.5216
CMYK	0.21, 0.32, 0.00, 0.52
HSL	260°, 19%, 40%
HSV	260°, 32%, 48%
XYZ	11.4300, 10.0785, 19.7553
YIQ	91.3330, -4.7710, 14.8850

Conversions

Conversions Part 2

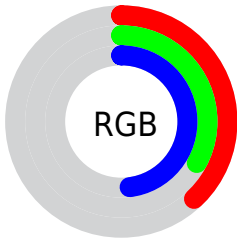
Format	Color
R_{YB}	96, 83, 122
Decimal	6312826
CIE _{Lab}	37.98, 14.11, -20.15
CIE _{LCh}	38, 24.600, 305.005
Yxy	10.0785, 0.2770, 0.2442
Android (android.graphics.Color)	4284502906 (0xFF60537A)
YUV	91.3330, 15.1188, 4.0930
Hunter-Lab	31.7466, 8.7103, -14.6724

Details

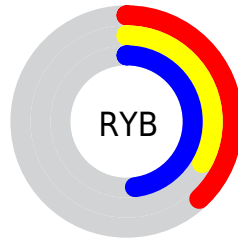
The Hex color **60537A** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **6D7A53**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **9385AF**, and **312649** is the 20% darker color. If you saturate the color by 10%, you get **58477A**, and if you desaturate by 10%, it is **685F7A**.

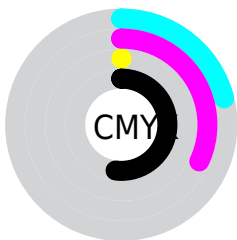
Distribution



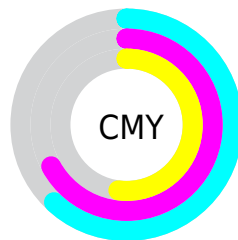
- Red (38%)
- Green (33%)
- Blue (48%)



- Red (38%)
- Yellow (33%)
- Blue (48%)



- Cyan (21%)
- Magenta (32%)
- Yellow (0%)
- Black (52%)



- Cyan (62%)
- Magenta (67%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 60537A 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 60537A by changing the saturation by 10% instead.

■ 60537A

■ 60537A

FFFFFF

■ 483C61

■ 9385AF

■ 312649

■ AE9FCA

■ 1A1232

■ CABAE6

■ 00001D

■ E6D5FF

■ 000000

■ FFF2FF

■ 60537A

■ 60537A

■ 58477A

■ 685F7A

■ 503B7A

■ 706B7A

482E7A

78787A

3F227A

81847A

37167A

89907A

2F0A7A

919C7A

29007A

99A87A

A1B57A

A9C17A

Harmonies

Analogous

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



425A81



60537A



754C6B

Triad

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



60537A



745236



17645C

Complementary

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



60537A



6D7A53

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.



356348



60537A



635931

Square

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



60537A



7E4C44



4E5F38



006370

Rectangle

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



60537A



7D4A5E



4E5F38



226455

Sweetspot

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



60537A



948E9E



536D7A



49464F



CFCFCF



4F4F4F

Same Dimension

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



60537A



76629E



74537A



39373D



2A007D



5400FC

Inverse Universe

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



7A536D



9E628A



5A7A53



3D373B



7D0053



FC00A8

Previews

White Background



This preview shows how the Hex color 60537A looks on a white background.

Color Contrast Check

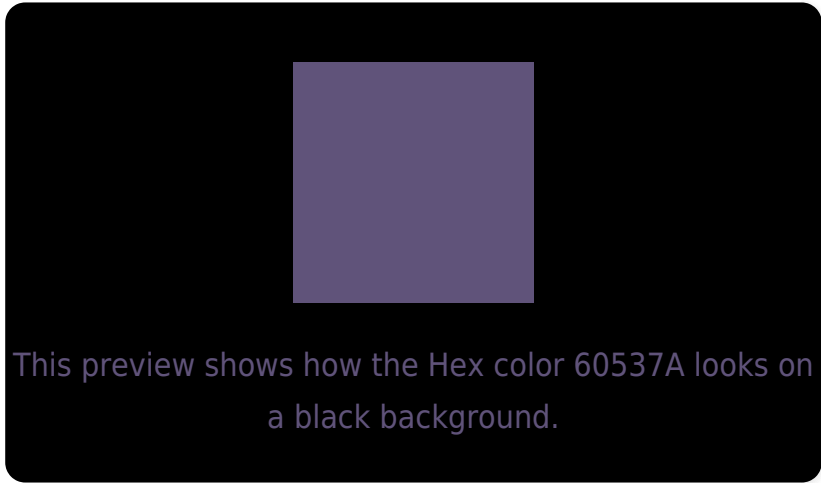
Large Text (above 18pt) WCAG AA ✓ Pass

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

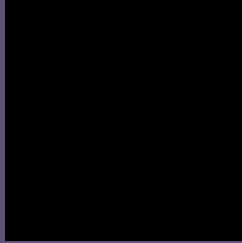
Any Text WCAG AA × Fail

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 60537A Background



This preview shows how black text looks on a background with the Hex color 60537A.

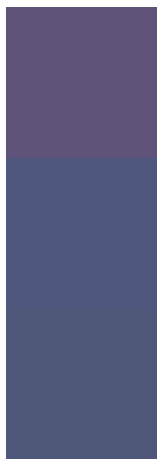


This preview shows how white text looks on a background with the Hex color 60537A.

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
60537A

Protanopia
4E587E

Deuteranopia
505879



Tritanopia
5B585F

Trichromacy



Original Color
60537A

Protanomaly
55567D

Deuteranomaly
565679

Tritanomaly
5D5669

Monochromacy



Original Color
60537A

Achromatopsia
5B5B5B

Achromatomaly
5D5866

CSS Examples

Text

The CSS property to change the color of the text to Hex 60537A 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 #60537A looks like.

```
.text, #text, p{  
    color:#60537A  
}
```

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 #60537A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #60537A
}
```

Border

The CSS property to change the border of an element to Hex 60537A is called "border". The border property can be set on classes, ids or directly on the HTML element.

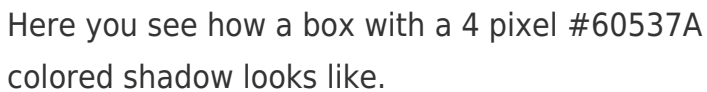
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#60537A }
```

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

```
.border{ border-color:#60537A }
```

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



Here you see how a box with a 4 pixel #60537A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #60537A; -webkit-box-shadow:4px 4px  
4px 4px #60537A; box-shadow:4px 4px 4px  
4px #60537A }
```

Background

The CSS property to change the background color of an element to Hex 60537A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#60537A }
```

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

```
.background{ background-color:#60537A }
```

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