

Converting Colors

Hex(44537A)

Have a look what the booklet for
Hex(44537A) contains.

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Color

Hex(44537A)

Conversions

Conversions Part 1

Format	Color
Hex	44537A
RGB	68, 83, 122
RGB Percent	27%, 33%, 48%
CMY	0.7333, 0.6745, 0.5216
CMYK	0.44, 0.32, 0.00, 0.52
HSL	223°, 28%, 37%
HSV	223°, 44%, 48%
XYZ	8.9900, 8.8206, 19.6411
YIQ	82.9610, -21.4590, 8.9490

Conversions

Conversions Part 2

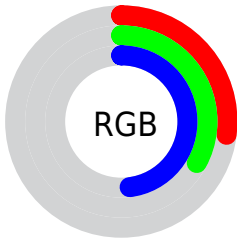
Format	Color
R_{YB}	68, 80, 122
Decimal	4477818
CIE _{Lab}	35.64, 5.24, -23.98
CIE _{LCh}	36, 24.543, 282.330
Yxy	8.8206, 0.2400, 0.2355
Android (android.graphics.Color)	4282667898 (0xFF44537A)
YUV	82.9610, 19.2462, -13.1208
Hunter-Lab	29.6995, 2.0577, -18.4204

Details

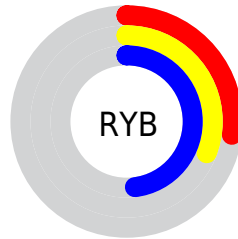
The Hex color **44537A** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **7A6B44**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **7784AF**, and **122749** is the 20% darker color. If you saturate the color by 10%, you get **384A7A**, and if you desaturate by 10%, it is **505C7A**.

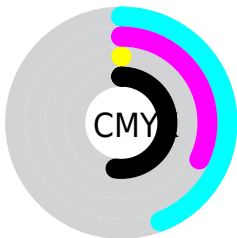
Distribution



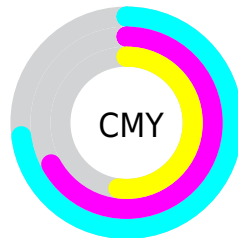
- Red (27%)
- Green (33%)
- Blue (48%)



- Red (27%)
- Yellow (31%)
- Blue (48%)



- Cyan (44%)
- Magenta (32%)
- Yellow (0%)
- Black (52%)



- Cyan (73%)
- Magenta (67%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 44537A 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 44537A by changing the saturation by 10% instead.

■ 44537A

■ 44537A

FFFFFF

■ 2B3C61

■ 7784AF

■ 122749

■ 919ECA

■ 001232

■ ACB9E6

■ 00021D

■ C8D5FF

■ 000000

■ E4F1FF

■ 44537A

■ 44537A

■ 384A7A

■ 505C7A

■ 2C417A

■ 5C657A

■ 1F397A

■ 696D7A

■ 13307A

■ 75767A

■ 07277A

■ 817F7A

■ 00227A

■ 8D887A

■ 99917A

■ A6997A

■ B2A27A

Harmonies

Analogous

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



1E5979



44537A



604C71

Triad

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



44537A



76483A



295D47

Complementary

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



44537A



7A6B44

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.



435A36



44537A



6A4F2E

Square

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



44537A



7A444C



58552D



025E5C

Rectangle

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



44537A



6E4766



58552D



325D41

Sweetspot

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



44537A



8A8F9E



447A6B



42464F



CFCFCF



4F4F4F

Same Dimension

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



44537A



4A629E



50447A



37393D



00237D



0046FC

Inverse Universe

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



7A4453



9E4A62



6E7A44



3D3739



7D0023



FC0046

Previews

White Background



This preview shows how the Hex color 44537A looks on a white background.

Color Contrast Check

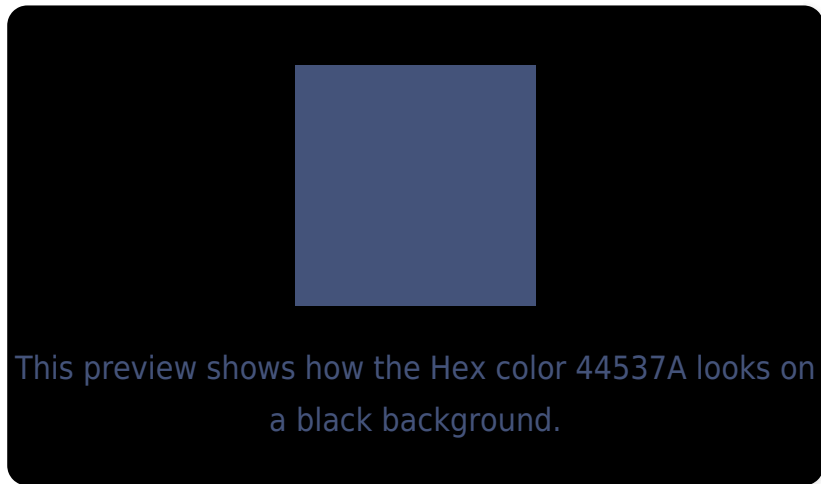
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

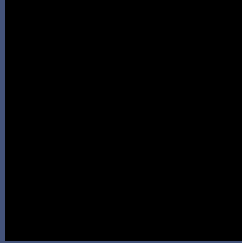
Any Text WCAG AA × Fail

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 44537A Background



This preview shows how black text looks on a background with the Hex color 44537A.



This preview shows how white text looks on a background with the Hex color 44537A.

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
44537A

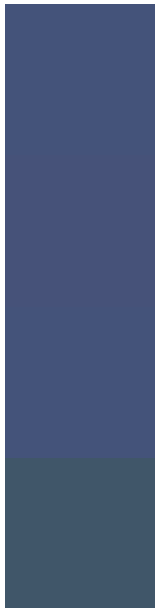
Protanopia
475279

Deuteranopia
44537A



Tritanopia
3D585F

Trichromacy



Original Color

44537A

Protanomaly

465279

Deuteranomaly

44537A

Tritanomaly

405669

Monochromacy



Original Color

44537A

Achromatopsia

535353

Achromatomaly

4E5361

CSS Examples

Text

The CSS property to change the color of the text to Hex 44537A 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 #44537A looks like.

```
.text, #text, p{  
    color:#44537A  
}
```

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 #44537A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #44537A
}
```

Border

The CSS property to change the border of an element to Hex 44537A 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
#44537A }
```

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

```
.border{ border-color:#44537A }
```

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

Here you see how a box with a 4 pixel #44537A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #44537A; -webkit-box-shadow:4px 4px  
4px 4px #44537A; box-shadow:4px 4px 4px  
4px #44537A }
```

Background

The CSS property to change the background color of an element to Hex 44537A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#44537A }
```

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

```
.background{ background-color:#44537A }
```

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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