

Converting Colors

Hex(54407A)

Have a look what the booklet for
Hex(54407A) contains.

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Color

Hex(54407A)

Conversions

Conversions Part 1

Format	Color
Hex	54407A
RGB	84, 64, 122
RGB Percent	33%, 25%, 48%
CMY	0.6706, 0.7490, 0.5216
CMYK	0.31, 0.48, 0.00, 0.52
HSL	261°, 31%, 36%
HSV	261°, 48%, 48%
XYZ	9.0024, 6.9568, 19.2807
YIQ	76.5920, -6.6980, 22.2780

Conversions

Conversions Part 2

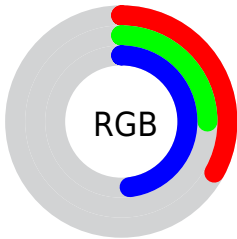
Format	Color
R_{YB}	84, 64, 122
Decimal	5521530
CIE _{Lab}	31.71, 22.28, -30.05
CIE _{LCh}	32, 37.411, 306.548
Yxy	6.9568, 0.2555, 0.1974
Android (android.graphics.Color)	4283711610 (0xFF54407A)
YUV	76.5920, 22.3861, 6.4968
Hunter-Lab	26.3757, 14.7673, -24.8782

Details

The Hex color **54407A** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **667A40**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **8770AF**, and **231549** is the 20% darker color. If you saturate the color by 10%, you get **4C347A**, and if you desaturate by 10%, it is **5C4C7A**.

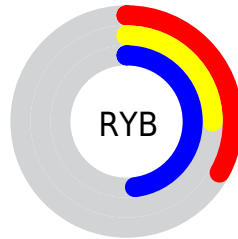
Distribution



Red (33%)

Green (25%)

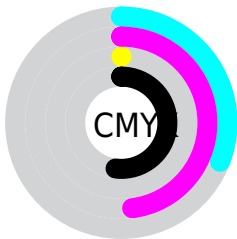
Blue (48%)



Red (33%)

Yellow (25%)

Blue (48%)

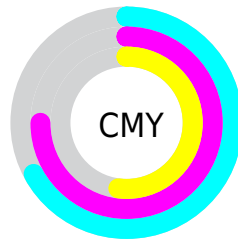


Cyan (31%)

Magenta (48%)

Yellow (0%)

Black (52%)



Cyan (67%)

Magenta (75%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 54407A 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 54407A by changing the saturation by 10% instead.

■ 54407A

■ 54407A

FFFFFF

■ 3B2A61

■ 8770AF

■ 231549

■ A28ACA

■ 110032

■ BEA4E7

■ 00021C

■ DABFFF

■ 000000

■ F6DBFF

■ FFF8FF

■ 54407A

■ 54407A

■ 4C347A

■ 5C4C7A

44287A

64587A

3C1B7A

6C657A

340F7A

74717A

2C037A

7C7D7A

2A007A

84897A

8C957A

94A27A

9CAE7A

Harmonies

Analogous

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



104C85



54407A



733463

Triad

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



54407A



6C4112



005950

Complementary

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



54407A



667A40

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.



005732



54407A



544B08

Square

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



54407A



7C3529



355318



00586D

Rectangle

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



54407A



7D2F4F



355318



005846

Sweetspot

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



54407A



90889E



40677A



46424F



CFCFCF



4F4F4F

Same Dimension

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



54407A



63449E



70407A



39373D



2B007D



5700FC

Inverse Universe

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



7A4066



9E447F



4A7A40



3D373B



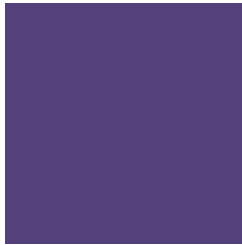
7D0052



FC00A5

Previews

White Background



This preview shows how the Hex color 54407A 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

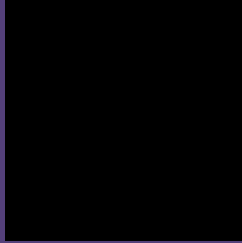
Any Text WCAG AA × Fail

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 54407A Background



This preview shows how black text looks on a background with the Hex color 54407A.




This preview shows how white text looks on a background with the Hex color 54407A.

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
4C4A50

Trichromacy



Original Color
54407A

Protanomaly
3E467F

Deuteranomaly
3E4779

Tritanomaly
4F465F

Monochromacy



Original Color
54407A

Achromatopsia
4D4D4D

Achromatomaly
50485D

CSS Examples

Text

The CSS property to change the color of the text to Hex 54407A 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 #54407A looks like.

```
.text, #text, p{  
    color:#54407A  
}
```

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 #54407A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #54407A
}
```

Border

The CSS property to change the border of an element to Hex 54407A is called "border". The border property can be set on classes, ids or directly on the HTML element.

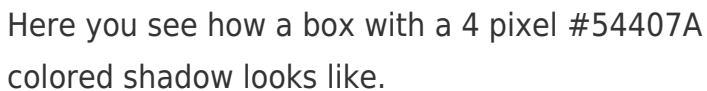
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#54407A }
```

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

```
.border{ border-color:#54407A }
```

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



Here you see how a box with a 4 pixel #54407A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #54407A; -webkit-box-shadow:4px 4px  
4px 4px #54407A; box-shadow:4px 4px 4px  
4px #54407A }
```

Background

The CSS property to change the background color of an element to Hex 54407A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#54407A }
```

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

```
.background{ background-color:#54407A }
```

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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