

Converting Colors

Hex(54438A)

Have a look what the booklet for
Hex(54438A) contains.

Hex(54438A)	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(54438A)

Conversions

Conversions Part 1

Format	Color
Hex	54438A
RGB	84, 67, 138
RGB Percent	33%, 26%, 54%
CMY	0.6706, 0.7373, 0.4588
CMYK	0.39, 0.51, 0.00, 0.46
HSL	254°, 35%, 40%
HSV	254°, 51%, 54%
XYZ	10.2508, 7.7341, 24.9973
YIQ	80.1770, -12.6590, 25.6850

Conversions

Conversions Part 2

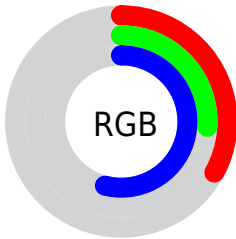
Format	Color
R_{YB}	84, 67, 138
Decimal	5522314
CIE _{Lab}	33.42, 24.97, -37.25
CIE _{LCh}	33, 44.846, 303.834
Yxy	7.7341, 0.2385, 0.1799
Android (android.graphics.Color)	4283712394 (0xFF54438A)
YUV	80.1770, 28.5067, 3.3528
Hunter-Lab	27.8103, 17.1265, -33.8258

Details

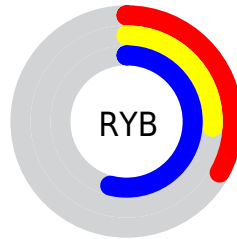
The Hex color **54438A** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **798A43**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **8873C0**, and **211757** is the 20% darker color. If you saturate the color by 10%, you get **4A358A**, and if you desaturate by 10%, it is **5E518A**.

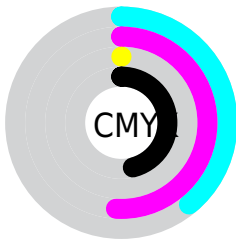
Distribution



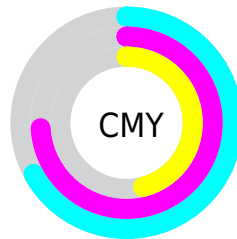
- Red (33%)
- Green (26%)
- Blue (54%)



- Red (33%)
- Yellow (26%)
- Blue (54%)



- Cyan (39%)
- Magenta (51%)
- Yellow (0%)
- Black (46%)



- Cyan (67%)
- Magenta (74%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 54438A 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 54438A by changing the saturation by 10% instead.

■ 54438A

■ 54438A

FFFFFF

■ 3A2C70

■ 8873C0

■ 211757

■ A48DDC

■ 060040

■ BFA8F9

■ 000329

■ DCC3FF

■ 000113

■ F9DFFF

■ 000000

■ FFFCFF

■ 54438A

■ 54438A

■ 4A358A

■ 5E518A

■ 3F278A

■ 695F8A

■ 351A8A

■ 736C8A

■ 2A0C8A

■ 7E7A8A

■ 21008A

■ 88888A

■ 93968A

■ 9DA48A

■ A8B18A

■ B2BF8A

Harmonies

Analogous

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



005196



54438A



7C326F

Triad

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



54438A



774109



005F52

Complementary

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



54438A



798A43

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.



005D2D



54438A



5B4F00

Square

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



54438A



8A3129



36580A



005E75

Rectangle

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



54438A



8A2A57



36580A



005E46

Sweetspot

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



54438A



9E98B3



43798A



4D4959



D9D9D9



595959

Same Dimension

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



54438A



5E44B3



77438A



403E45



200085



010005

Inverse Universe

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



8A4379



B34498



568A43



453E43



850065



050004

Previews

White Background



This preview shows how the Hex color 54438A looks on a white background.

Color Contrast Check

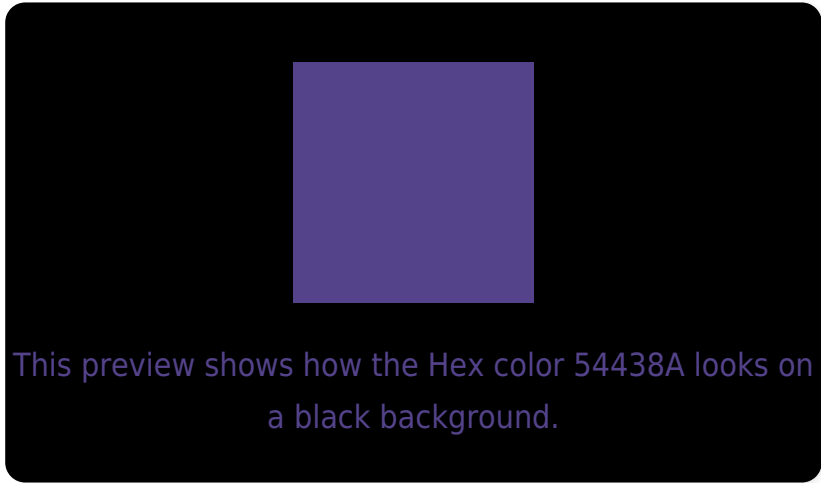
Large Text (above 18pt) WCAG AA ✓ Pass

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

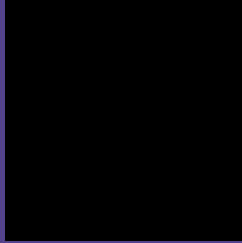
Any Text WCAG AA × Fail

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 54438A Background



This preview shows how black text looks on a background with the Hex color 54438A.

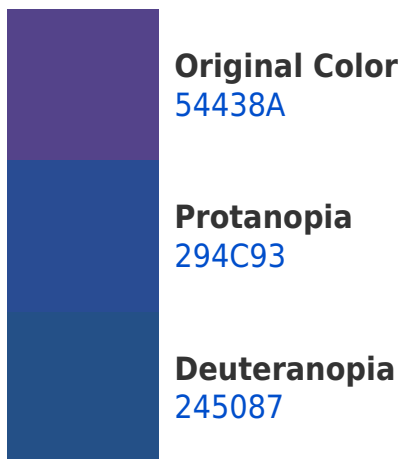


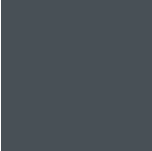
This preview shows how white text looks on a background with the Hex color 54438A.

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
485056

Trichromacy



Original Color
54438A

Protanomaly
394990

Deuteranomaly
354B88

Tritanomaly
4C4B69

Monochromacy



Original Color
54438A

Achromatopsia
505050

Achromatomaly
514B65

CSS Examples

Text

The CSS property to change the color of the text to Hex 54438A 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 #54438A looks like.

```
.text, #text, p{  
    color:#54438A  
}
```

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 #54438A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #54438A
}
```

Border

The CSS property to change the border of an element to Hex 54438A 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".

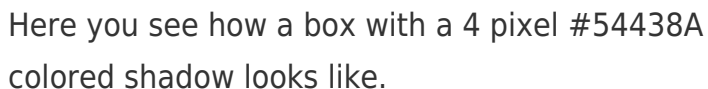
```
.border, #border, table{ border:4px solid
#54438A }
```

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

```
.border{ border-color:#54438A }
```

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

Here you see how a box with a 4 pixel #54438A colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #54438A; -webkit-box-shadow:4px 4px  
4px 4px #54438A; box-shadow:4px 4px 4px  
4px #54438A }
```

Background

The CSS property to change the background color of an element to Hex 54438A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#54438A }
```

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

```
.background{ background-color:#54438A }
```

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