

Converting Colors

Hex(55478A)

Have a look what the booklet for
Hex(55478A) contains.

Hex(55478A)	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(55478A)

Conversions

Conversions Part 1

Format	Color
Hex	55478A
RGB	85, 71, 138
RGB Percent	33%, 28%, 54%
CMY	0.6667, 0.7216, 0.4588
CMYK	0.38, 0.49, 0.00, 0.46
HSL	253°, 32%, 41%
HSV	253°, 49%, 54%
XYZ	10.5870, 8.2727, 25.0836
YIQ	82.8240, -13.1630, 23.8050

Conversions

Conversions Part 2

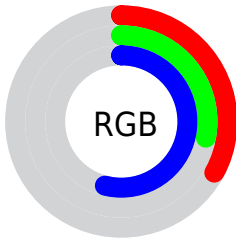
Format	Color
R_{YB}	85, 71, 138
Decimal	5588874
CIE _{Lab}	34.54, 22.71, -35.46
CIE _{LCh}	35, 42.107, 302.637
Yxy	8.2727, 0.2409, 0.1883
Android (android.graphics.Color)	4283778954 (0xFF55478A)
YUV	82.8240, 27.2018, 1.9084
Hunter-Lab	28.7624, 15.3689, -31.5729

Details

The Hex color **55478A** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **7C8A47**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **8978C0**, and **221B57** is the 20% darker color. If you saturate the color by 10%, you get **4A398A**, and if you desaturate by 10%, it is **60558A**.

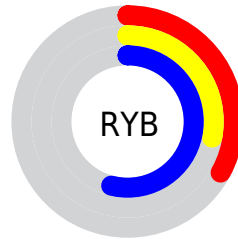
Distribution



Red (33%)

Green (28%)

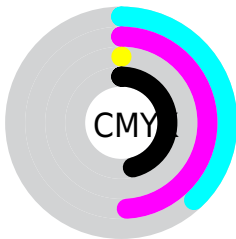
Blue (54%)



Red (33%)

Yellow (28%)

Blue (54%)

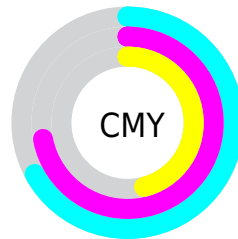


Cyan (38%)

Magenta (49%)

Yellow (0%)

Black (46%)



Cyan (67%)

Magenta (72%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 55478A 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 55478A by changing the saturation by 10% instead.

■ 55478A

■ 55478A

FFFFFF

■ 3C3070

■ 8978C0

■ 221B57

■ A491DC

■ 070440

■ C0ACF9

■ 000329

■ DCC7FF

■ 000113

■ F9E4FF

■ 000000

■ 55478A

■ 55478A

■ 4A398A

■ 60558A

■ 3F2B8A

■ 6B638A

■ 341E8A

■ 76708A

■ 29108A

■ 817E8A

■ 1E028A

■ 8C8C8A

■ 1D008A

■ 969A8A

■ A1A88A

■ ACB58A

■ B7C38A

Harmonies

Analogous

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



005494



55478A



7C3871

Triad

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



55478A



7A4413



006153

Complementary

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



55478A



7C8A47

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.



005F31



55478A



5F5102

Square

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



55478A



8A362F



3D5A12



006075

Rectangle

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



55478A



89315B



3D5A12



006048

Sweetspot

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



55478A



9D98B3



477D8A



4D4959



D9D9D9



595959

Same Dimension

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



55478A



614BB3



76478A



3F3E45



1C0085



010005

Inverse Universe

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



8A477C



B34B9D



5B8A47



453E43



850069



050004

Previews

White Background



This preview shows how the Hex color 55478A looks on a white background.

Color Contrast Check

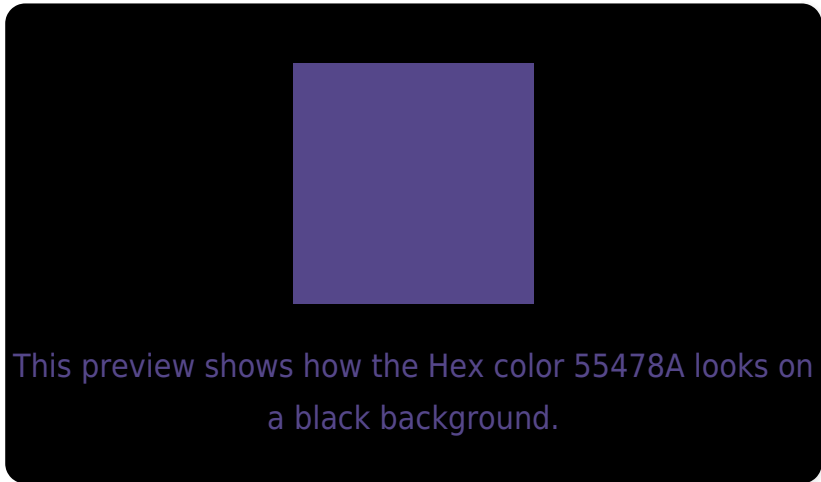
Large Text (above 18pt) WCAG AA ✓ Pass

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

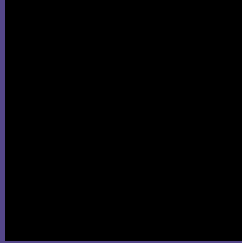
Any Text WCAG AA × Fail

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 55478A Background



This preview shows how black text looks on a background with the Hex color 55478A.



This preview shows how white text looks on a background with the Hex color 55478A.

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
55478A

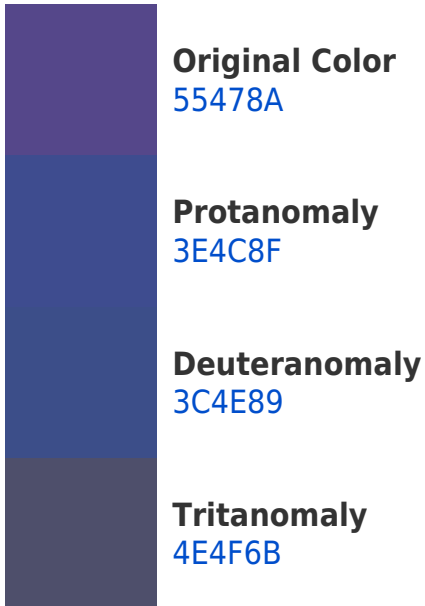
Protanopia
314F92

Deuteranopia
2D5288

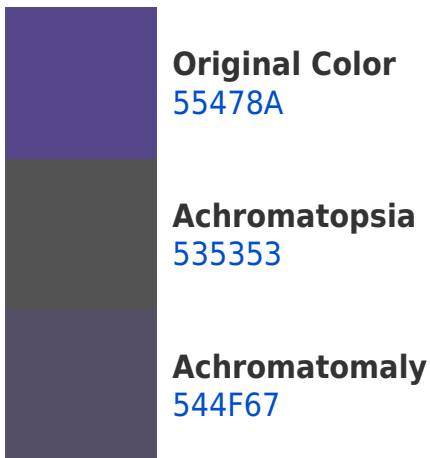


Tritanopia
4A5359

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 55478A 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 #55478A looks like.

```
.text, #text, p{  
    color:#55478A  
}
```

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 #55478A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #55478A
}
```

Border

The CSS property to change the border of an element to Hex 55478A 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
#55478A }
```

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

```
.border{ border-color:#55478A }
```

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

Here you see how a box with a 4 pixel #55478A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #55478A; -webkit-box-shadow:4px 4px  
4px 4px #55478A; box-shadow:4px 4px 4px  
4px #55478A }
```

Background

The CSS property to change the background color of an element to Hex 55478A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#55478A }
```

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

```
.background{ background-color:#55478A }
```

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