

Converting Colors

Hex(53478B)

Have a look what the booklet for
Hex(53478B) contains.

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Color

Hex(53478B)

Conversions

Conversions Part 1

Format	Color
Hex	53478B
RGB	83, 71, 139
RGB Percent	33%, 28%, 55%
CMY	0.6745, 0.7216, 0.4549
CMYK	0.40, 0.49, 0.00, 0.45
HSL	251°, 32%, 41%
HSV	251°, 49%, 55%
XYZ	10.4807, 8.2096, 25.4583
YIQ	82.3400, -14.6760, 23.6920

Conversions

Conversions Part 2

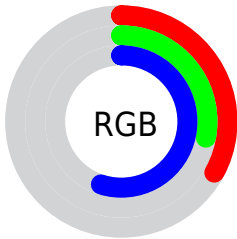
Format	Color
R_{YB}	83, 71, 139
Decimal	5457803
CIE _{Lab}	34.42, 22.46, -36.29
CIE _{LCh}	34, 42.676, 301.752
Yxy	8.2096, 0.2374, 0.1860
Android (android.graphics.Color)	4283647883 (0xFF53478B)
YUV	82.3400, 27.9334, 0.5788
Hunter-Lab	28.6523, 15.1519, -32.6240

Details

The Hex color **53478B** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **7F8B47**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **8778C1**, and **201B58** is the 20% darker color. If you saturate the color by 10%, you get **48398B**, and if you desaturate by 10%, it is **5E558B**.

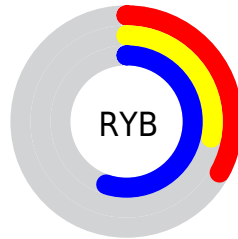
Distribution



Red (33%)

Green (28%)

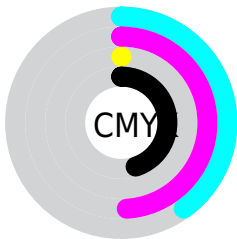
Blue (55%)



Red (33%)

Yellow (28%)

Blue (55%)

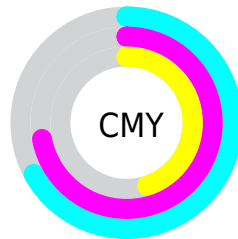


Cyan (40%)

Magenta (49%)

Yellow (0%)

Black (45%)



Cyan (67%)

Magenta (72%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 53478B 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 53478B by changing the saturation by 10% instead.

■ 53478B

■ 53478B

FFFFFF

■ 3A3071

■ 8778C1

■ 201B58

■ A291DD

■ 030441

■ BEACFA

■ 00032A

■ DBC7FF

■ 000114

■ F8E3FF

■ 000000

■ 53478B

■ 53478B

■ 48398B

■ 5E558B

■ 3C2B8B

■ 6A638B

■ 311D8B

■ 75718B

■ 250F8B

■ 817F8B

■ 1A028B

■ 8C8D8B

■ 19008B

■ 989A8B

■ A3A88B

■ AFB68B

■ BAC48B

Harmonies

Analogous

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



005495



53478B



7B3872

Triad

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



53478B



7A4312



006152

Complementary

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



53478B



7F8B47

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.



005E2F



53478B



605000

Square

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



53478B



8B352F



3D5910



006074

Rectangle

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



53478B



89305C



3D5910



006046

Sweetspot

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



53478B



9F9AB5



47808B



4E4B5C



DBDBDB



5C5C5C

Same Dimension

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



53478B



5D4AB5



74478B



3F3E45



170085



010005

Inverse Universe

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



8B477F



B54AA2



5E8B47



453E44



85006D



050004

Previews

White Background



This preview shows how the Hex color 53478B looks on a white background.

Color Contrast Check

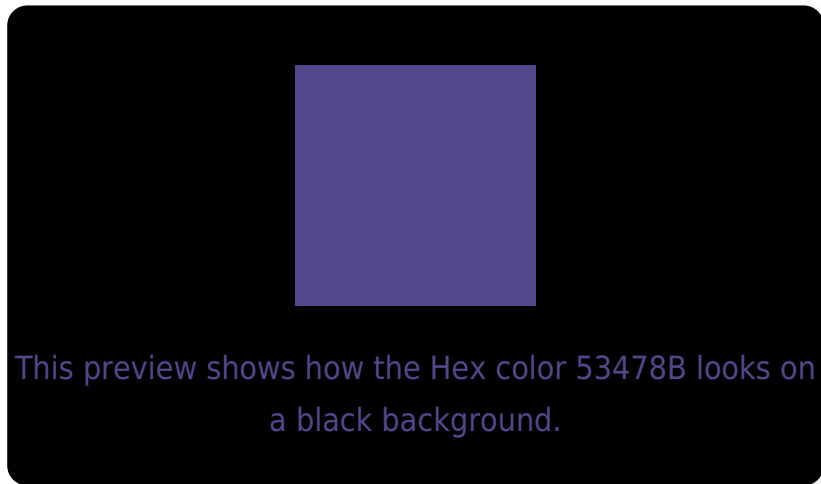
Large Text (above 18pt) WCAG AA ✓ Pass

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 53478B Background



This preview shows how black text looks on a background with the Hex color 53478B.

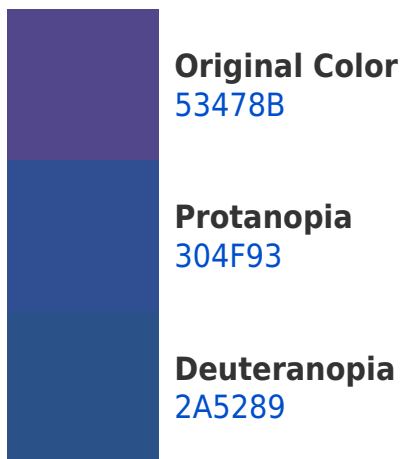


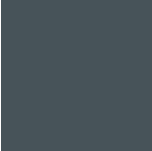
This preview shows how white text looks on a background with the Hex color 53478B.

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
475359

Trichromacy



Original Color
53478B

Protanomaly
3D4C90

Deuteranomaly
394E8A

Tritanomaly
4B4F6B

Monochromacy



Original Color
53478B

Achromatopsia
525252

Achromatomaly
524E67

CSS Examples

Text

The CSS property to change the color of the text to Hex 53478B 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 #53478B looks like.

```
.text, #text, p{  
    color:#53478B  
}
```

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 #53478B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #53478B
}
```

Border

The CSS property to change the border of an element to Hex 53478B 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
#53478B }
```

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

```
.border{ border-color:#53478B }
```

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

Here you see how a box with a 4 pixel #53478B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #53478B; -webkit-box-shadow:4px 4px  
4px 4px #53478B; box-shadow:4px 4px 4px  
4px #53478B }
```

Background

The CSS property to change the background color of an element to Hex 53478B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#53478B }
```

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

```
.background{ background-color:#53478B }
```

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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