

Converting Colors

Hex(54648B)

Have a look what the booklet for
Hex(54648B) contains.

Hex(54648B)	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(54648B)

Conversions

Conversions Part 1

Format	Color
Hex	54648B
RGB	84, 100, 139
RGB Percent	33%, 39%, 55%
CMY	0.6706, 0.6078, 0.4549
CMYK	0.40, 0.28, 0.00, 0.45
HSL	223°, 25%, 44%
HSV	223°, 40%, 55%
XYZ	12.8735, 12.8632, 26.2304
YIQ	99.6620, -22.0550, 8.7370

Conversions

Conversions Part 2

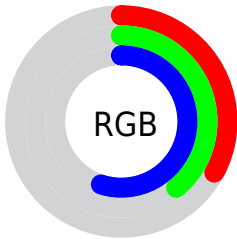
Format	Color
R_{YB}	84, 96, 139
Decimal	5530763
CIE _{Lab}	42.56, 4.38, -23.49
CIE _{LCh}	43, 23.891, 280.561
Yxy	12.8632, 0.2477, 0.2475
Android (android.graphics.Color)	4283720843 (0xFF54648B)
YUV	99.6620, 19.3936, -13.7356
Hunter-Lab	35.8654, 1.3065, -18.2565

Details

The Hex color **54648B** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **8B7B54**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **8897C1**, and **233659** is the 20% darker color. If you saturate the color by 10%, you get **465A8B**, and if you desaturate by 10%, it is **626E8B**.

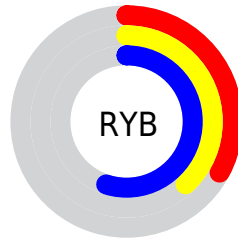
Distribution



Red (33%)

Green (39%)

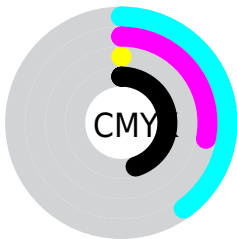
Blue (55%)



Red (33%)

Yellow (38%)

Blue (55%)

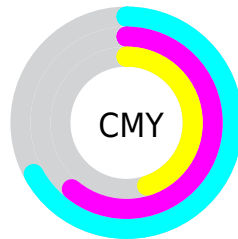


Cyan (40%)

Magenta (28%)

Yellow (0%)

Black (45%)



Cyan (67%)

Magenta (61%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 54648B 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 54648B by changing the saturation by 10% instead.

■ 54648B

■ 54648B

FFFFFF

■ 3B4C71

■ 8897C1

■ 233659

■ A2B1DD

■ 072141

■ BECDF9

■ 00092B

■ DAE9FF

■ 000116

■ F7FFFF

■ 000000

■ 54648B

■ 54648B

■ 465A8B

■ 626E8B

■ 38508B

■ 70788B

■ 2A468B

■ 7E828B

■ 1C3D8B

■ 8C8B8B

■ 0F338B

■ 9A958B

■ 01298B

■ A79F8B

■ 00288B

■ B5A98B

■ C3B38B

■ D1BD8B

Harmonies

Analogous

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



346A89



54648B



705D82

Triad

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



54648B



88594C



3D6E57

Complementary

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



54648B



8B7B54

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.



556B46



54648B



7D5F40

Square

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



54648B



8B555E



6B663D



256F6B

Rectangle

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



54648B



7E5978



6B663D



456D50

Sweetspot

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



54648B



9FA6B5



548B7B



4F535C



DBDBDB



5C5C5C

Same Dimension

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



54648B



6079B5



5F548B



3E4045



002785



000105

Inverse Universe

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



8B5464



B56079



808B54



453E40



850027



050001

Previews

White Background



This preview shows how the Hex color 54648B looks on a white background.

Color Contrast Check

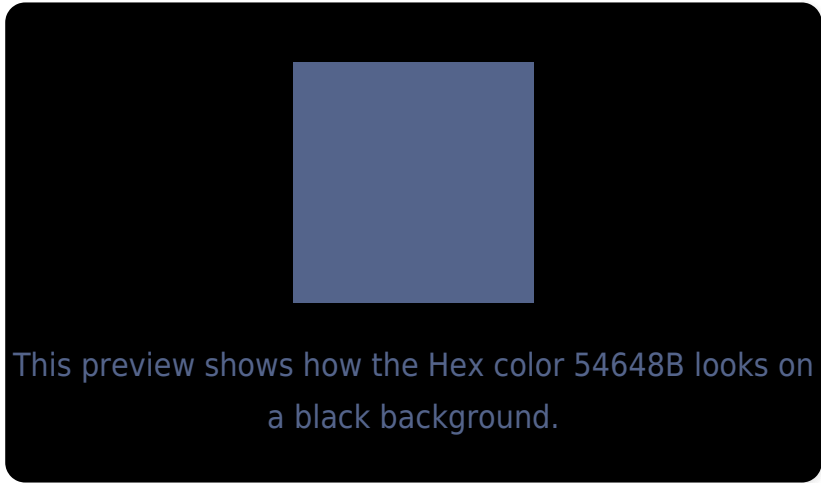
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

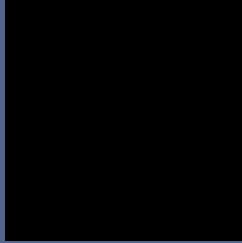
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

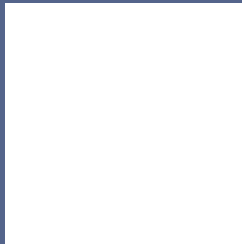
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 54648B Background



This preview shows how black text looks on a background with the Hex color 54648B.

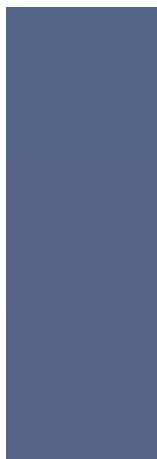


This preview shows how white text looks on a background with the Hex color 54648B.

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


54648B

Protanopia

59638A

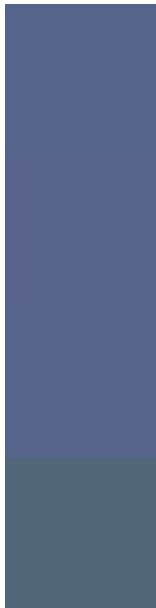
Deuteranopia

57638B



Tritanopia
4E6971

Trichromacy



Original Color
54648B

Protanomaly
57638A

Deuteranomaly
56638B

Tritanomaly
50677A

Monochromacy



Original Color
54648B

Achromatopsia
646464

Achromatomaly
5E6472

CSS Examples

Text

The CSS property to change the color of the text to Hex 54648B 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 #54648B looks like.

```
.text, #text, p{  
    color:#54648B  
}
```

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 #54648B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #54648B
}
```

Border

The CSS property to change the border of an element to Hex 54648B 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".

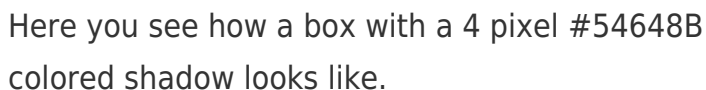
```
.border, #border, table{ border:4px solid
#54648B }
```

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

```
.border{ border-color:#54648B }
```

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

Here you see how a box with a 4 pixel #54648B colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #54648B; -webkit-box-shadow:4px 4px  
4px 4px #54648B; box-shadow:4px 4px 4px  
4px #54648B }
```

Background

The CSS property to change the background color of an element to Hex 54648B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#54648B }
```

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

```
.background{ background-color:#54648B }
```

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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