

Converting Colors

Hex(56468B)

Have a look what the booklet for
Hex(56468B) contains.

Hex(56468B)	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(56468B)

Conversions

Conversions Part 1

Format	Color
Hex	56468B
RGB	86, 70, 139
RGB Percent	34%, 27%, 55%
CMY	0.6627, 0.7255, 0.4549
CMYK	0.38, 0.50, 0.00, 0.45
HSL	254°, 33%, 41%
HSV	254°, 50%, 55%
XYZ	10.6881, 8.2228, 25.4499
YIQ	82.6500, -12.6130, 24.8510

Conversions

Conversions Part 2

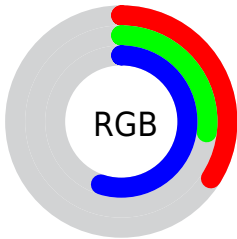
Format	Color
R_{YB}	86, 70, 139
Decimal	5654155
CIE _{Lab}	34.44, 23.91, -36.23
CIE _{LCh}	34, 43.408, 303.426
Yxy	8.2228, 0.2409, 0.1854
Android (android.graphics.Color)	4283844235 (0xFF56468B)
YUV	82.6500, 27.7805, 2.9379
Hunter-Lab	28.6755, 16.3496, -32.5480

Details

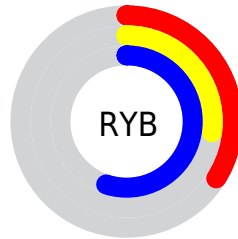
The Hex color **56468B** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **7B8B46**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **8A77C1**, and **231A58** is the 20% darker color. If you saturate the color by 10%, you get **4B388B**, and if you desaturate by 10%, it is **61548B**.

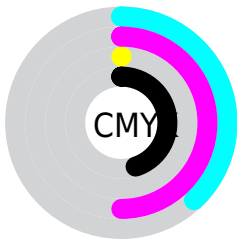
Distribution



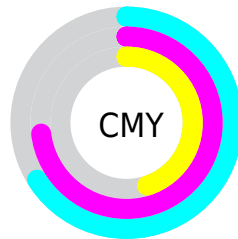
- Red (34%)
- Green (27%)
- Blue (55%)



- Red (34%)
- Yellow (27%)
- Blue (55%)



- Cyan (38%)
- Magenta (50%)
- Yellow (0%)
- Black (45%)



- Cyan (66%)
- Magenta (73%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 56468B 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 56468B by changing the saturation by 10% instead.

■ 56468B

■ 56468B

FFFFFF

■ 3D2F71

■ 8A77C1

■ 231A58

■ A690DD

■ 080341

■ C1ABFA

■ 00032A

■ DEC6FF

■ 000114

■ FBE2FF

■ 000000

■ 56468B

■ 56468B

■ 4B388B

■ 61548B

■ 412A8B

■ 6B628B

■ 361C8B

■ 76708B

■ 2B0E8B

■ 817E8B

■ 21018B

■ 8B8B8B

■ 20008B

■ 96998B

■ A1A78B

■ ABB58B

■ B6C38B

Harmonies

Analogous

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



005496



56468B



7D3671

Triad

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



56468B



7A440F



006154

Complementary

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



56468B



7B8B46

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.



005F30



56468B



5E5100

Square

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



56468B



8B352D



3B5A10



006076

Rectangle

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



56468B



8B2F5A



3B5A10



006148

Sweetspot

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



56468B



A09AB5



467C8B



4F4B5C



DBDBDB



5C5C5C

Same Dimension

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



56468B



6248B5



77468B



403E45



1F0085



010005

Inverse Universe

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



8B467B



B5489C



5A8B46



453E43



850066



050004

Previews

White Background



This preview shows how the Hex color 56468B looks on a white background.

Color Contrast Check

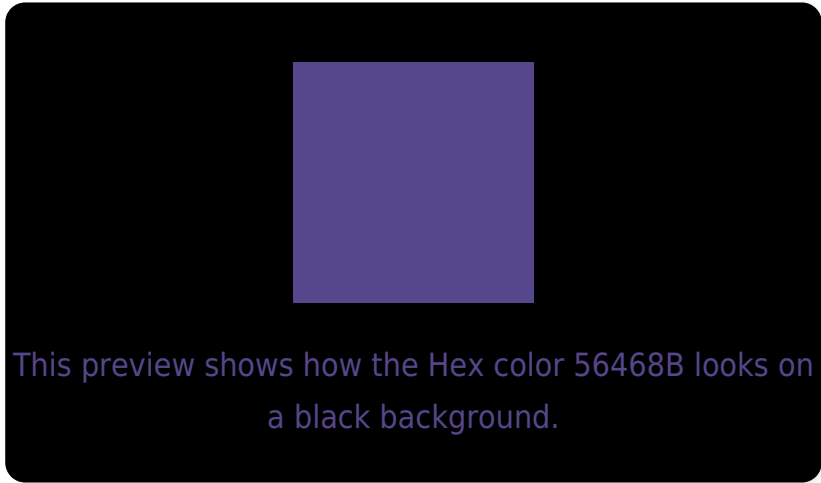
Large Text (above 18pt) WCAG AA ✓ Pass

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

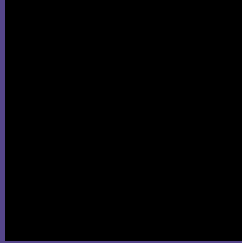
Any Text WCAG AA × Fail

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 56468B Background



This preview shows how black text looks on a background with the Hex color 56468B.



This preview shows how white text looks on a background with the Hex color 56468B.

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
56468B

Protanopia
2F4F94

Deuteranopia
2B5288



Tritanopia
4B5259

Trichromacy



Original Color
56468B

Protanomaly
3D4C91

Deuteranomaly
3B4E89

Tritanomaly
4F4E6B

Monochromacy



Original Color
56468B

Achromatopsia
535353

Achromatomaly
544E67

CSS Examples

Text

The CSS property to change the color of the text to Hex 56468B 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 #56468B looks like.

```
.text, #text, p{  
    color:#56468B  
}
```

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 #56468B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #56468B
}
```

Border

The CSS property to change the border of an element to Hex 56468B is called "border". The border property can be set on classes, ids or directly on the HTML element.

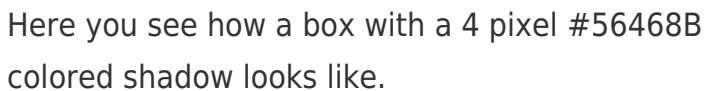
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#56468B }
```

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

```
.border{ border-color:#56468B }
```

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



Here you see how a box with a 4 pixel #56468B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #56468B; -webkit-box-shadow:4px 4px  
4px 4px #56468B; box-shadow:4px 4px 4px  
4px #56468B }
```

Background

The CSS property to change the background color of an element to Hex 56468B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#56468B }
```

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

```
.background{ background-color:#56468B }
```

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