

Converting Colors

Hex(56568C)

Have a look what the booklet for
Hex(56568C) contains.

Hex(56568C)	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(56568C)

Conversions

Conversions Part 1

Format	Color
Hex	56568C
RGB	86, 86, 140
RGB Percent	34%, 34%, 55%
CMY	0.6627, 0.6627, 0.4510
CMYK	0.39, 0.39, 0.00, 0.45
HSL	240°, 24%, 44%
HSV	240°, 39%, 55%
XYZ	11.8992, 10.5275, 26.2158
YIQ	92.1560, -17.3340, 16.7940

Conversions

Conversions Part 2

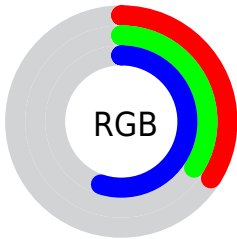
Format	Color
R_{YB}	86, 86, 140
Decimal	5658252
CIE _{Lab}	38.77, 14.04, -29.99
CIE _{LCh}	39, 33.109, 295.087
Yxy	10.5275, 0.2446, 0.2164
Android (android.graphics.Color)	4283848332 (0xFF56568C)
YUV	92.1560, 23.5871, -5.3988
Hunter-Lab	32.4460, 8.6820, -25.1930

Details

The Hex color **56568C** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **8C8C56**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **8A88C2**, and **242959** is the 20% darker color. If you saturate the color by 10%, you get **48488C**, and if you desaturate by 10%, it is **64648C**.

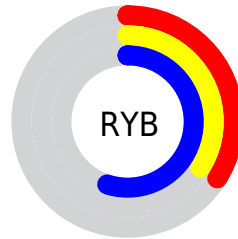
Distribution



Red (34%)

Green (34%)

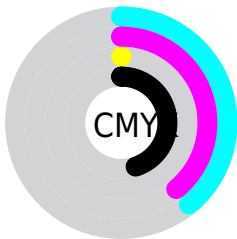
Blue (55%)



Red (34%)

Yellow (34%)

Blue (55%)

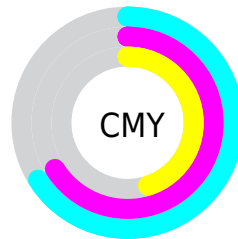


Cyan (39%)

Magenta (39%)

Yellow (0%)

Black (45%)



Cyan (66%)

Magenta (66%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 56568C 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 56568C by changing the saturation by 10% instead.

■ 56568C

■ 56568C

FFFFFF

■ 3D3F72

■ 8A88C2

■ 242959

■ A5A2DE

■ 081542

■ C0BDFB

■ 00002B

■ DDD9FF

■ 000116

■ FAF5FF

■ 000000

■ 56568C

■ 56568C

■ 48488C

■ 64648C

■ 3A3A8C

■ 72728C

■ 2C2C8C

■ 80808C

■ 1E1E8C

■ 8E8E8C

■ 10108C

■ 9C9C8C

■ 02028C

■ AAAA8C

■ 00008C

■ B8B88C

■ C6C68C

■ D4D48C

Harmonies

Analogous

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



1A5F91



56568C



784C7A

Triad

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



56568C



834E30



006956

Complementary

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



56568C



8C8C56

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.



34663B



56568C



6F5824

Square

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



56568C



8D4646



556128



006971

Rectangle

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



56568C



86466A



556128



0F684D

Sweetspot

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



56568C



9F9FB5



568C8C



4F4F5C



DBDBDB



5C5C5C

Same Dimension

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



56568C



6262B5



71568C



3E3E45



000085



000005

Inverse Universe

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



8C568C



B562B5



718C56



453E45



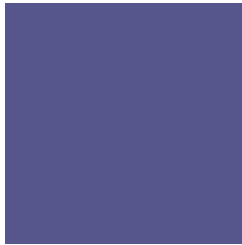
850085



050005

Previews

White Background



This preview shows how the Hex color 56568C 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

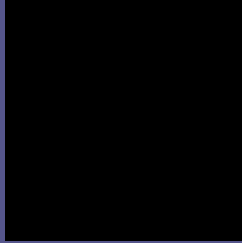
Any Text WCAG AA × Fail

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 56568C Background



This preview shows how black text looks on a background with the Hex color 56568C.

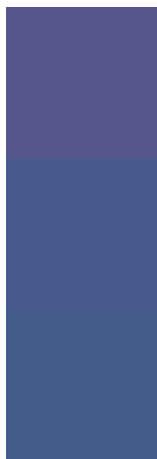


This preview shows how white text looks on a background with the Hex color 56568C.

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](#).

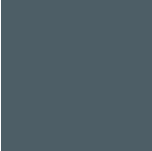
Dichromacy



Original Color
56568C

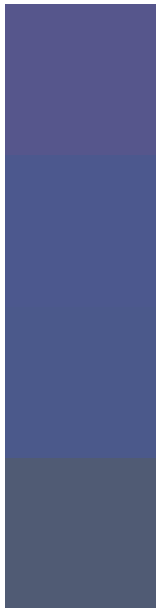
Protanopia
47598F

Deuteranopia
445B8B



Tritanopia
4D5E66

Trichromacy



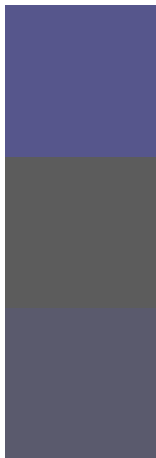
Original Color
56568C

Protanomaly
4C588E

Deuteranomaly
4B598B

Tritanomaly
505B74

Monochromacy



Original Color
56568C

Achromatopsia
5C5C5C

Achromatomaly
5A5A6D

CSS Examples

Text

The CSS property to change the color of the text to Hex 56568C 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 #56568C looks like.

```
.text, #text, p{  
    color:#56568C  
}
```

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 #56568C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #56568C
}
```

Border

The CSS property to change the border of an element to Hex 56568C 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
#56568C }
```

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

```
.border{ border-color:#56568C }
```

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

Here you see how a box with a 4 pixel #56568C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #56568C; -webkit-box-shadow:4px 4px  
4px 4px #56568C; box-shadow:4px 4px 4px  
4px #56568C }
```

Background

The CSS property to change the background color of an element to Hex 56568C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#56568C }
```

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

```
.background{ background-color:#56568C }
```

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