

Converting Colors

Hex(568087)

Have a look what the booklet for
Hex(568087) contains.

Hex(568087)	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(568087)

Conversions

Conversions Part 1

Format	Color
Hex	568087
RGB	86, 128, 135
RGB Percent	34%, 50%, 53%
CMY	0.6627, 0.4980, 0.4706
CMYK	0.36, 0.05, 0.00, 0.47
HSL	189°, 22%, 43%
HSV	189°, 36%, 53%
XYZ	15.9301, 19.1660, 25.7815
YIQ	116.2400, -27.2790, -6.7270

Conversions

Conversions Part 2

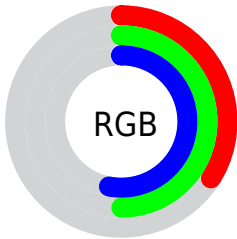
Format	Color
R_{YB}	86, 109, 135
Decimal	5668999
CIE _{Lab}	50.88, -12.61, -8.42
CIE _{LCh}	51, 15.158, 213.740
Yxy	19.1660, 0.2617, 0.3148
Android (android.graphics.Color)	4283859079 (0xFF568087)
YUV	116.2400, 9.2487, -26.5205
Hunter-Lab	43.7790, -11.6616, -4.2706

Details

The Hex color **568087** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **875D56**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **8AB5BC**, and **244F55** is the 20% darker color. If you saturate the color by 10%, you get **497E87**, and if you desaturate by 10%, it is **648287**.

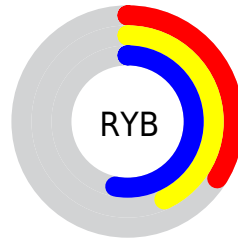
Distribution



Red (34%)

Green (50%)

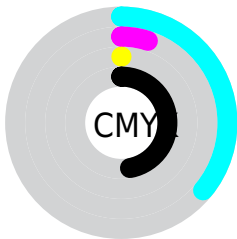
Blue (53%)



Red (34%)

Yellow (43%)

Blue (53%)

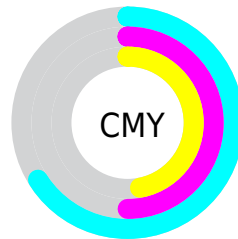


Cyan (36%)

Magenta (5%)

Yellow (0%)

Black (47%)



Cyan (66%)

Magenta (50%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 568087 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 568087 by changing the saturation by 10% instead.

568087

568087

FFFFFF

3D676E

8AB5BC

244F55

A5D0D8

08383E

C0EDF4

002228

DDFFFF

000714

F9FFFF

000000

568087

568087

497E87

648287

3B7C87

718487

■ 2E7A87

■ 7F8687

■ 207887

■ 8C8887

■ 137687

■ 9A8A87

■ 057487

■ A78C87

■ 007487

■ B58D87

■ C28F87

■ D09187

Harmonies

Analogous

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



59817A



568087



5D7E90

Triad

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



568087



8B7285



82795F

Complementary

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



568087



875D56

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.



8D7562



568087



937078

Square

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



568087



7E758F



93716B



737D63

Rectangle

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



568087



677B93



93716B



867760

Sweetspot

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



568087



9DADB0



56875D



4E5859



D9D9D9



595959

Same Dimension

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



568087



63A5B0



566887



3C4142



006F82



000203

Inverse Universe

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



875680



B063A5



877556



423C41



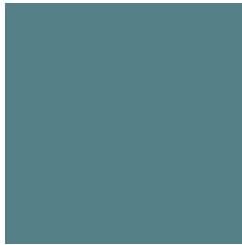
82006F



030002

Previews

White Background



This preview shows how the Hex color 568087 looks on a white background.

Color Contrast Check

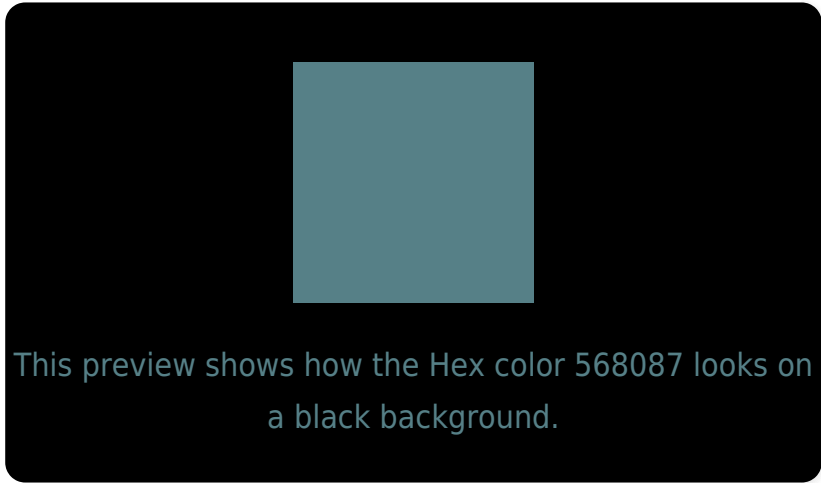
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

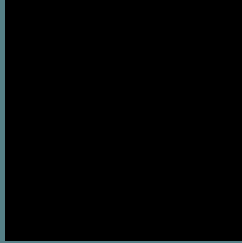
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 568087 Background



This preview shows how black text looks on a background with the Hex color 568087.



This preview shows how white text looks on a background with the Hex color 568087.

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
568087

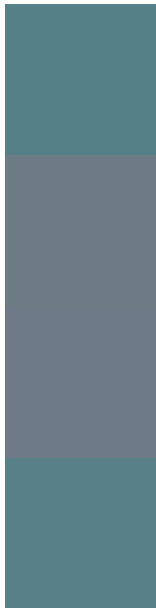
Protanopia
787882

Deuteranopia
7D7689



Tritanopia
57808A

Trichromacy



Original Color
568087

Protanomaly
6C7B84

Deuteranomaly
6F7A88

Tritanomaly
578089

Monochromacy



Original Color
568087

Achromatopsia
747474

Achromatomaly
69787B

CSS Examples

Text

The CSS property to change the color of the text to Hex 568087 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 #568087 looks like.

```
.text, #text, p{  
    color:#568087  
}
```

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 #568087 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #568087
}
```

Border

The CSS property to change the border of an element to Hex 568087 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
#568087 }
```

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

```
.border{ border-color:#568087 }
```

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

Here you see how a box with a 4 pixel #568087 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #568087; -webkit-box-shadow:4px 4px  
4px 4px #568087; box-shadow:4px 4px 4px  
4px #568087 }
```

Background

The CSS property to change the background color of an element to Hex 568087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#568087 }
```

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

```
.background{ background-color:#568087 }
```

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