

Converting Colors

Hex(568875)

Have a look what the booklet for
Hex(568875) contains.

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Color

Hex(568875)

Conversions

Conversions Part 1

Format	Color
Hex	568875
RGB	86, 136, 117
RGB Percent	34%, 53%, 46%
CMY	0.6627, 0.4667, 0.5412
CMYK	0.37, 0.00, 0.14, 0.47
HSL	157°, 23%, 44%
HSV	157°, 37%, 53%
XYZ	15.8528, 20.8711, 20.0226
YIQ	118.8840, -23.7010, -16.5090

Conversions

Conversions Part 2

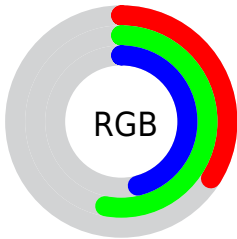
Format	Color
RYB	86, 117, 136
Decimal	5671029
CIELab	52.81, -21.36, 4.90
CIElCh	53, 21.914, 167.073
Yxy	20.8711, 0.2794, 0.3678
Android (android.graphics.Color)	4283861109 (0xFF568875)
YUV	118.8840, -0.9288, -28.8393
Hunter-Lab	45.6849, -18.0086, 5.9940

Details

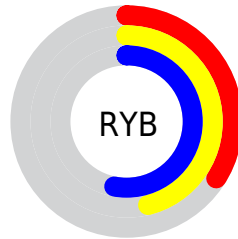
The Hex color **568875** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **885669**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **8ABEA9**, and **255645** is the 20% darker color. If you saturate the color by 10%, you get **488870**, and if you desaturate by 10%, it is **64887A**.

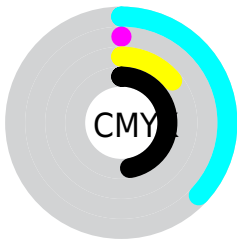
Distribution



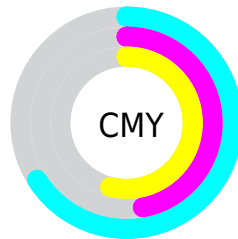
- Red (34%)
- Green (53%)
- Blue (46%)



- Red (34%)
- Yellow (46%)
- Blue (53%)



- Cyan (37%)
- Magenta (0%)
- Yellow (14%)
- Black (47%)



- Cyan (66%)
- Magenta (47%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 568875 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 568875 by changing the saturation by 10% instead.

■ 568875

■ 568875

FFFFFF

■ 3D6E5C

■ 8ABEA9

■ 255645

■ A5D9C4

■ 093E2F

■ C0F6E0

■ 00281A

■ DCFFFD

■ 001200

■ F9FFFF

■ 000000

■ 568875

■ 568875

■ 488870

■ 64887A

■ 3B886B

■ 71887F

 2D8865

 7F8885

 208860

 8C888A

 12885B

 9A888F

 048856

 A88894

 008854

 B58899

 C3889E

 D088A4

Harmonies

Analogous

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



6B8564



568875



478988

Triad

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



568875



767CA2



A07463

Complementary

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



568875



885669

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.



A47174



568875



8E7698

Square

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



568875



5B82A2



9E7187



937A5A

Rectangle

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



568875



458894



9E7187



A27368

Sweetspot

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



568875



9DB0A9



698856



4E5955



D9D9D9



595959

Same Dimension

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



568875



63B093



568288



3E4542



008552



000503

Inverse Universe

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



885669



B06380



885C56



453E41



850032



050002

Previews

White Background



This preview shows how the Hex color 568875 looks on a white background.

Color Contrast Check

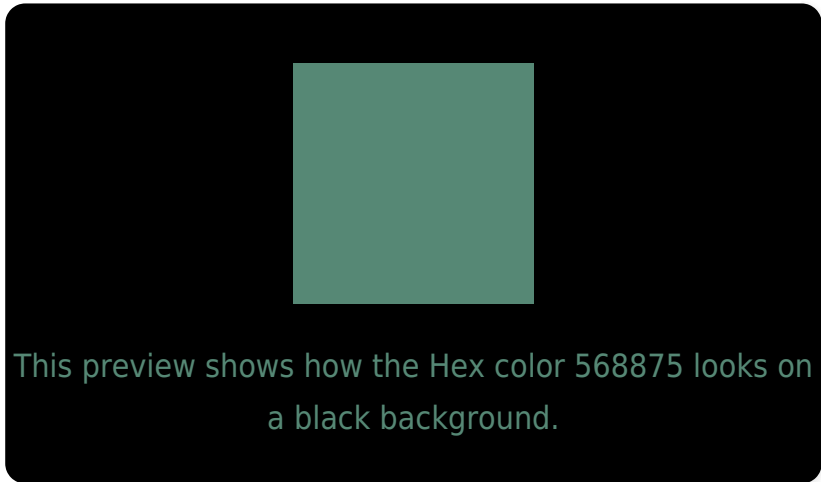
Large Text (above 18pt) WCAG AA ✓ Pass

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

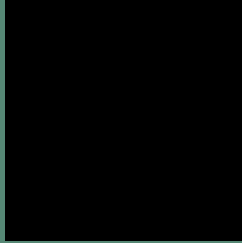
Any Text WCAG AA ✓ Pass

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 568875 Background



This preview shows how black text looks on a background with the Hex color 568875.

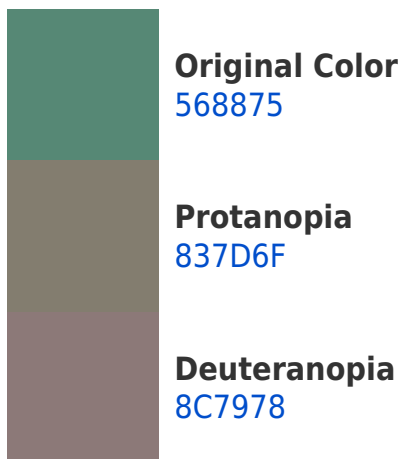


This preview shows how white text looks on a background with the Hex color 568875.

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](#).

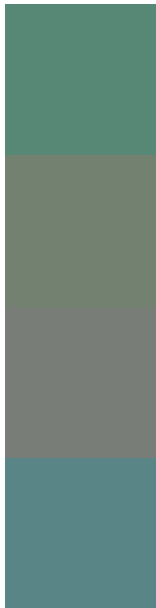
Dichromacy





Tritanopia
5C848F

Trichromacy



Original Color
568875

Protanomaly
738171

Deuteranomaly
787E77

Tritanomaly
5A8586

Monochromacy



Original Color
568875

Achromatopsia
777777

Achromatomaly
6B7D76

CSS Examples

Text

The CSS property to change the color of the text to Hex 568875 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 #568875 looks like.

```
.text, #text, p{  
    color:#568875  
}
```

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 #568875 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #568875
}
```

Border

The CSS property to change the border of an element to Hex 568875 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".

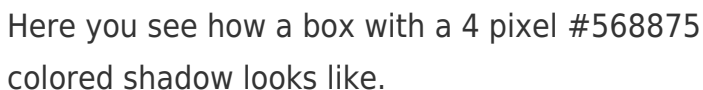
```
.border, #border, table{ border:4px solid
#568875 }
```

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

```
.border{ border-color:#568875 }
```

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

Here you see how a box with a 4 pixel #568875 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #568875; -webkit-box-shadow:4px 4px  
4px 4px #568875; box-shadow:4px 4px 4px  
4px #568875 }
```

Background

The CSS property to change the background color of an element to Hex 568875 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#568875 }
```

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

```
.background{ background-color:#568875 }
```

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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