

Converting Colors

Hex(568470)

Have a look what the booklet for
Hex(568470) contains.

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Color

Hex(568470)

Conversions

Conversions Part 1

Format	Color
Hex	568470
RGB	86, 132, 112
RGB Percent	34%, 52%, 44%
CMY	0.6627, 0.4824, 0.5608
CMYK	0.35, 0.00, 0.15, 0.48
HSL	154°, 21%, 43%
HSV	154°, 35%, 52%
XYZ	15.0136, 19.6508, 18.3309
YIQ	115.9660, -20.9960, -15.9720

Conversions

Conversions Part 2

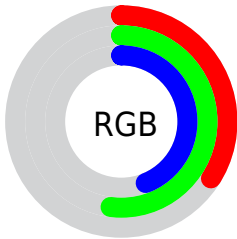
Format	Color
RYB	86, 115, 132
Decimal	5670000
CIELab	51.44, -20.41, 5.84
CIElCh	51, 21.226, 164.026
Yxy	19.6508, 0.2833, 0.3708
Android (android.graphics.Color)	4283860080 (0xFF568470)
YUV	115.9660, -1.9552, -26.2802
Hunter-Lab	44.3292, -17.1209, 6.5130

Details

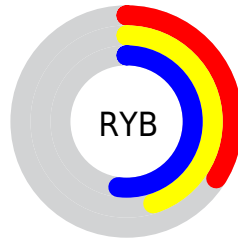
The Hex color **568470** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **84566A**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **89B9A4**, and **255240** is the 20% darker color. If you saturate the color by 10%, you get **49846A**, and if you desaturate by 10%, it is **638476**.

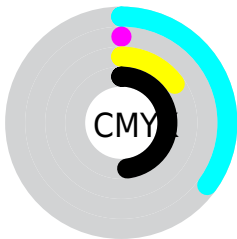
Distribution



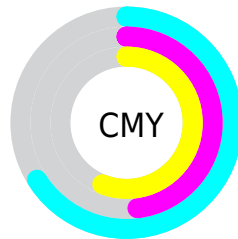
- Red (34%)
- Green (52%)
- Blue (44%)



- Red (34%)
- Yellow (45%)
- Blue (52%)



- Cyan (35%)
- Magenta (0%)
- Yellow (15%)
- Black (48%)



- Cyan (66%)
- Magenta (48%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 568470 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 568470 by changing the saturation by 10% instead.

■ 568470

■ 568470

FFFFFF

■ 3D6B58

■ 89B9A4

■ 255240

■ A4D5BF

■ 0C3B2A

■ C0F2DB

■ 002516

■ DCFFF7

■ 000A00

■ F9FFFF

■ 000000

■ 568470

■ 568470

■ 49846A

■ 638476

■ 3C8465

■ 70847B

 2E845F

 7E8481

 218459

 8B8487

 148453

 98848D

 07844E

 A58492

 00844B

 B28498

 C0849E

 CD84A4

Harmonies

Analogous

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



6B8160



568470



468583

Triad

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



568470



70799E



9C7062

Complementary

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



568470



84566A

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.



9F6D73



568470



887395

Square

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



568470



567F9D



986E85



907658

Rectangle

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



568470



44848E



986E85



9E6F67

Sweetspot

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



568470



9AABA3



6B8456



4C5752



D6D6D6



575757

Same Dimension

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



568470



63AB8C



568284



3C423F



00824A



000301

Inverse Universe

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



84566A



AB6382



845856



423C3F



820039



030001

Previews

White Background



This preview shows how the Hex color 568470 looks on a white background.

Color Contrast Check

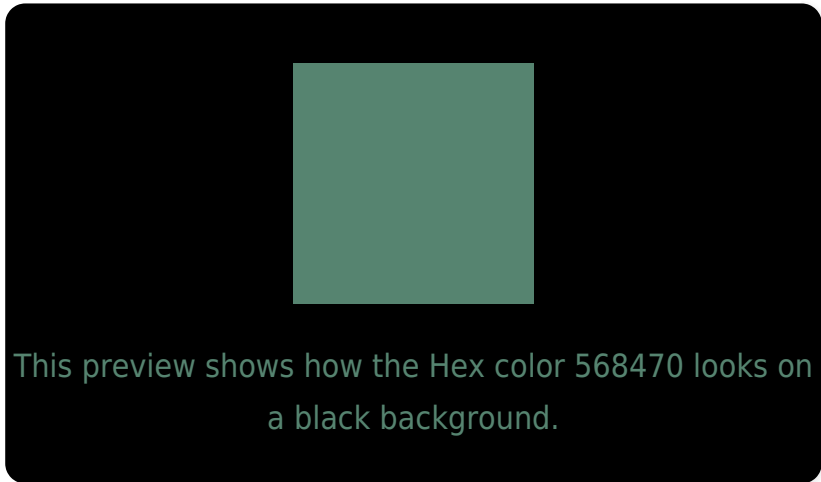
Large Text (above 18pt) WCAG AA ✓ Pass

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

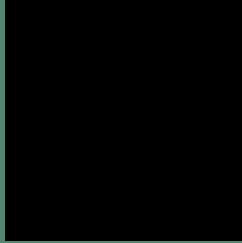
Any Text WCAG AA ✓ Pass

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 568470 Background



This preview shows how black text looks on a background with the Hex color 568470.

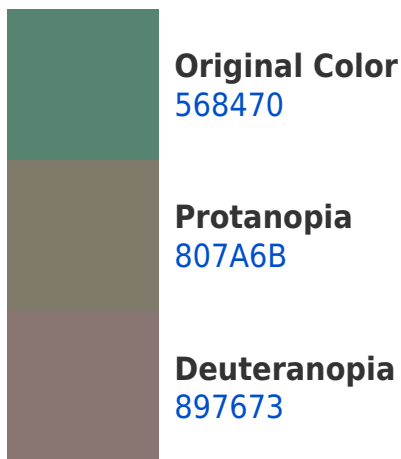


This preview shows how white text looks on a background with the Hex color 568470.

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](#).

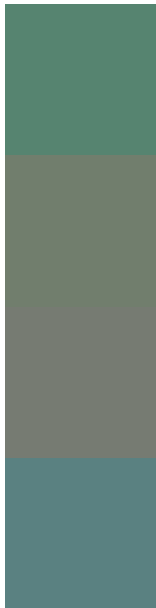
Dichromacy





Tritanopia
5C808B

Trichromacy



Original Color
568470

Protanomaly
717E6D

Deuteranomaly
767B72

Tritanomaly
5A8181

Monochromacy



Original Color
568470

Achromatopsia
747474

Achromatomaly
697A73

CSS Examples

Text

The CSS property to change the color of the text to Hex 568470 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 #568470 looks like.

```
.text, #text, p{  
    color:#568470  
}
```

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 #568470 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #568470
}
```

Border

The CSS property to change the border of an element to Hex 568470 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
#568470 }
```

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

```
.border{ border-color:#568470 }
```

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

Here you see how a box with a 4 pixel #568470 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #568470; -webkit-box-shadow:4px 4px  
4px 4px #568470; box-shadow:4px 4px 4px  
4px #568470 }
```

Background

The CSS property to change the background color of an element to Hex 568470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#568470 }
```

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

```
.background{ background-color:#568470 }
```

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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