

# Converting Colors

Hex(728683)

Have a look what the booklet for  
Hex(728683) contains.

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# Color

Hex(728683)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	728683
RGB	114, 134, 131
RGB Percent	45%, 53%, 51%
CMY	0.5529, 0.4745, 0.4863
CMYK	0.15, 0.00, 0.02, 0.47
HSL	171°, 8%, 49%
HSV	171°, 15%, 53%
XYZ	19.5613, 22.2663, 24.7396
YIQ	127.6780, -10.9570, -5.1730

# Conversions

## Conversions Part 2

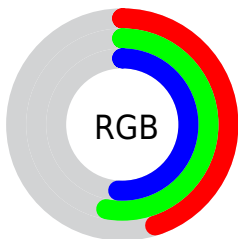
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	114, 125, 134
Decimal	7505539
CIE <sub>Lab</sub>	54.31, -7.85, -0.82
CIE <sub>LCh</sub>	54, 7.892, 185.964
Yxy	22.2663, 0.2939, 0.3345
Android (android.graphics.Color)	4285695619 (0xFF728683)
YUV	127.6780, 1.6377, -11.9956
Hunter-Lab	47.1872, -8.5811, 1.9461

# Details

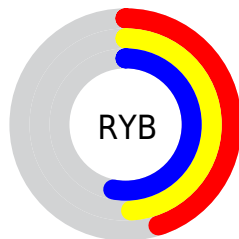
The Hex color **728683** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **867275**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **A6BBB8**, and **425452** is the 20% darker color. If you saturate the color by 10%, you get **658681**, and if you desaturate by 10%, it is **7F8685**.

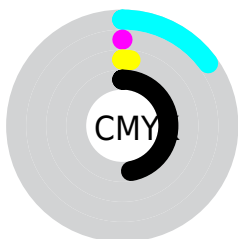
# Distribution



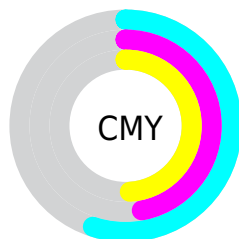
- Red (45%)
- Green (53%)
- Blue (51%)



- Red (45%)
- Yellow (49%)
- Blue (53%)



- Cyan (15%)
- Magenta (0%)
- Yellow (2%)
- Black (47%)



- Cyan (55%)
- Magenta (47%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 728683 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 728683 by changing the saturation by 10% instead.



728683

728683

FFFFFF

596D6A

A6BBB8

425452

C1D7D4

2B3D3B

DDF3F0

162725

FAFFFF

001310

000000

728683

728683

658681

7F8685

57867F

8D8687

 4A867D

 9A8689

 3C867B

 A8868B

 2F8679

 B5868D

 228677

 C2868F

 148675

 D08691

 078673

 DD8693

 008672

 EB8695

# Harmonies

## Analogous

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



77857C



728683



71868A

# Triad

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



728683



85808D



8D8076

# Complementary

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



728683



867275

# 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.



907E7A



728683



8C7E88

# Square

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



728683



7C828F



907D81



868274

# Rectangle

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



728683



73858D



907D81



8E7F77



# Sweetspot

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



728683



A6ADAC



758672



525756



D6D6D6



575757



# Same Dimension

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



728683



8EADA9



727F86



3C4241



00826F



000302



# Inverse Universe

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



867275



AD8E93



867972



423C3D



820014



030000



# Previews

## White Background



This preview shows how the Hex color 728683 looks on a white background.

## Color Contrast Check

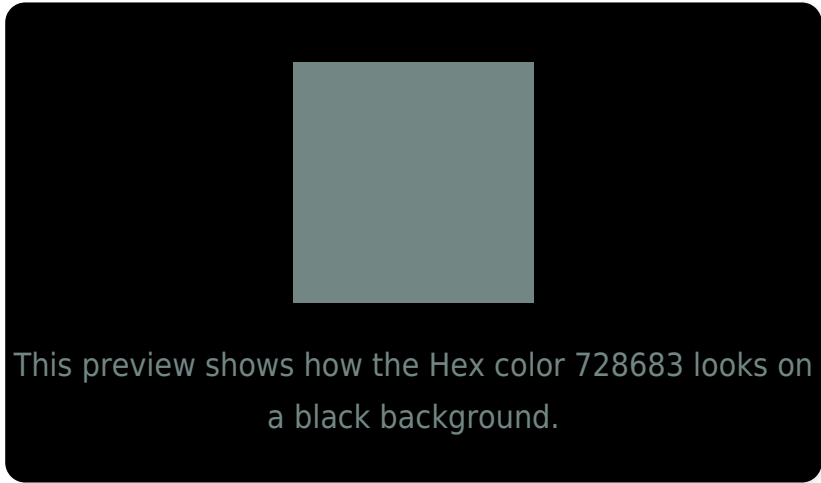
Large Text (above 18pt) WCAG AA ✓ Pass

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

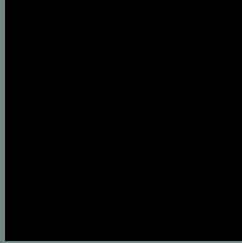
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

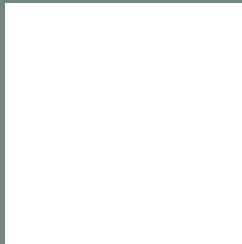
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 728683 Background



This preview shows how black text looks on a background with the Hex color 728683.

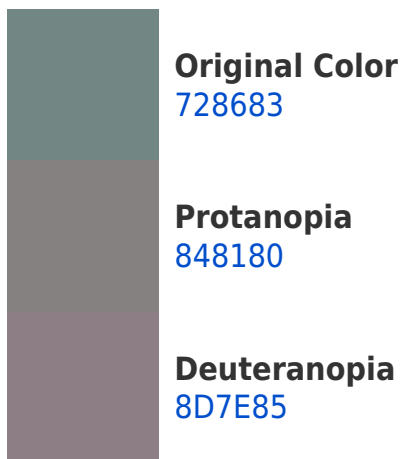


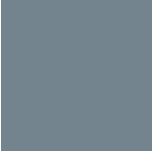
This preview shows how white text looks on a background with the Hex color 728683.

# 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**  
74848F

# Trichromacy



**Original Color**  
728683

**Protanomaly**  
7D8381

**Deuteranomaly**  
838184

**Tritanomaly**  
73858B

# Monochromacy



**Original Color**  
728683

**Achromatopsia**  
808080

**Achromatomaly**  
7B8281

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 728683 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 #728683 looks like.

```
.text, #text, p{  
    color:#728683  
}
```

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 #728683 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #728683
}
```

## Border

The CSS property to change the border of an element to Hex 728683 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
#728683 }
```

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

```
.border{ border-color:#728683 }
```

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

Here you see how a box with a 4 pixel #728683 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #728683; -webkit-box-shadow:4px 4px  
4px 4px #728683; box-shadow:4px 4px 4px  
4px #728683 }
```

# Background

The CSS property to change the background color of an element to Hex 728683 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#728683 }
```

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

```
.background{ background-color:#728683 }
```

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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