

Converting Colors

Hex(76728A)

Have a look what the booklet for
Hex(76728A) contains.

Hex(76728A)	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(76728A)

Conversions

Conversions Part 1

Format	Color
Hex	76728A
RGB	118, 114, 138
RGB Percent	46%, 45%, 54%
CMY	0.5373, 0.5529, 0.4588
CMYK	0.14, 0.17, 0.00, 0.46
HSL	250°, 10%, 49%
HSV	250°, 17%, 54%
XYZ	18.0760, 17.7212, 26.5126
YIQ	117.9320, -5.3200, 8.3120

Conversions

Conversions Part 2

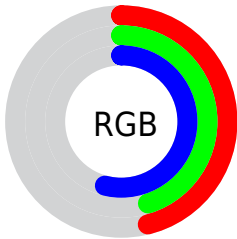
Format	Color
R_{YB}	118, 114, 138
Decimal	7762570
CIE Lab	49.16, 6.69, -12.55
CIE LCh	49, 14.223, 298.057
Yxy	17.7212, 0.2901, 0.2844
Android (android.graphics.Color)	4285952650 (0xFF76728A)
YUV	117.9320, 9.8935, 0.0596
Hunter-Lab	42.0965, 2.9779, -7.8736

Details

The Hex color **76728A** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **868A72**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **AAA6BF**, and **454258** is the 20% darker color. If you saturate the color by 10%, you get **6B648A**, and if you desaturate by 10%, it is **82808A**.

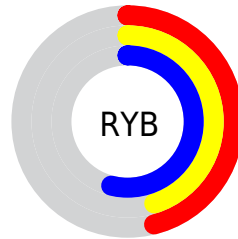
Distribution



Red (46%)

Green (45%)

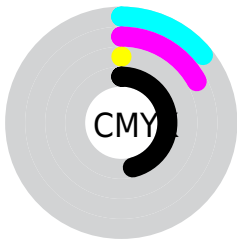
Blue (54%)



Red (46%)

Yellow (45%)

Blue (54%)

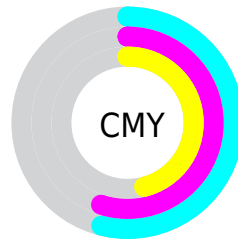


Cyan (14%)

Magenta (17%)

Yellow (0%)

Black (46%)



Cyan (54%)

Magenta (55%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 76728A 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 76728A by changing the saturation by 10% instead.



76728A



76728A

FFFFFF



5D5A71



AAA6BF



454258



C6C1DB



2F2C41



E2DDF8



1A182B



FEF9FF



000016



000000



76728A



76728A



6B648A



82808A



5F568A



8D8E8A

■ 54498A

■ 999B8A

■ 483B8A

■ A4A98A

■ 3D2D8A

■ AFB78A

■ 311F8A

■ BBC58A

■ 26118A

■ C6D38A

■ 1A048A

■ D2E08A

■ 17008A

■ DDEE8A

Harmonies

Analogous

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



66768D



76728A



846E82

Triad

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



76728A



897061



597C74

Complementary

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



76728A



868A72

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.



647A68



76728A



7F745D

Square

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



76728A



8E6D6A



72785F



547B80

Rectangle

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



76728A



8A6D7A



72785F



5C7B6F

Sweetspot

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



76728A



ABAAB3



72868A



555459



D9D9D9



595959

Same Dimension

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



76728A



938DB3



82728A



3F3E45



160085



010005

Inverse Universe

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



8A7286



B38DAC



7A8A72



453E44



85006F



050004

Previews

White Background



This preview shows how the Hex color 76728A looks on a white background.

Color Contrast Check

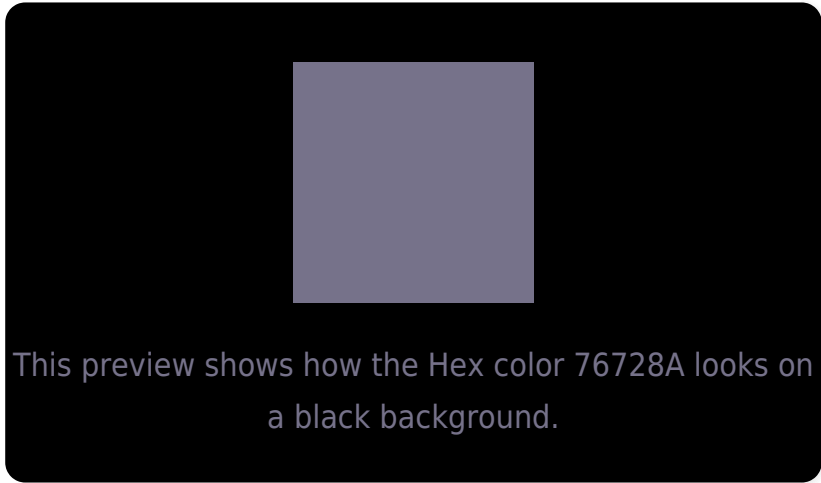
Large Text (above 18pt) WCAG AA ✓ Pass

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

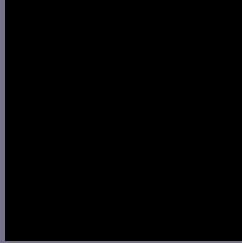
Any Text WCAG AA ✓ Pass

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 76728A Background



This preview shows how black text looks on a background with the Hex color 76728A.



This preview shows how white text looks on a background with the Hex color 76728A.

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

76728A

Protanopia

70748B

Deuteranopia

76728A



Tritanopia
74747D

Trichromacy



Original Color

76728A

Protanomaly

72738B

Deuteranomaly

76728A

Tritanomaly

757382

Monochromacy



Original Color

76728A

Achromatopsia

767676

Achromatomaly

76757D

CSS Examples

Text

The CSS property to change the color of the text to Hex 76728A 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 #76728A looks like.

```
.text, #text, p{  
    color:#76728A  
}
```

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 #76728A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76728A
}
```

Border

The CSS property to change the border of an element to Hex 76728A 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
#76728A }
```

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

```
.border{ border-color:#76728A }
```

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

Here you see how a box with a 4 pixel #76728A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76728A; -webkit-box-shadow:4px 4px  
4px 4px #76728A; box-shadow:4px 4px 4px  
4px #76728A }
```

Background

The CSS property to change the background color of an element to Hex 76728A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76728A }
```

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

```
.background{ background-color:#76728A }
```

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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