

Converting Colors

Hex(728ABC)

Have a look what the booklet for
Hex(728ABC) contains.

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Color

Hex(728ABC)

Conversions

Conversions Part 1

Format	Color
Hex	728ABC
RGB	114, 138, 188
RGB Percent	45%, 54%, 74%
CMY	0.5529, 0.4588, 0.2627
CMYK	0.39, 0.27, 0.00, 0.26
HSL	221°, 36%, 59%
HSV	221°, 39%, 74%
XYZ	25.1050, 25.3852, 51.1536
YIQ	136.5240, -30.3540, 10.4620

Conversions

Conversions Part 2

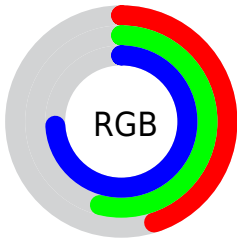
Format	Color
R_{YB}	114, 132, 188
Decimal	7506620
CIE _{Lab}	57.45, 4.22, -28.84
CIE _{LCh}	57, 29.149, 278.319
Yxy	25.3852, 0.2470, 0.2497
Android (android.graphics.Color)	4285696700 (0xFF728ABC)
YUV	136.5240, 25.3777, -19.7535
Hunter-Lab	50.3837, 0.7707, -24.9274

Details

The Hex color **728ABC** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **BCA472**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **A8BFF4**, and **3E5887** is the 20% darker color. If you saturate the color by 10%, you get **5F7DBC**, and if you desaturate by 10%, it is **8597BC**.

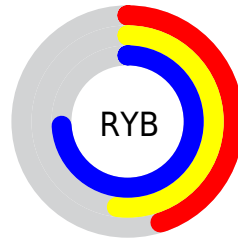
Distribution



Red (45%)

Green (54%)

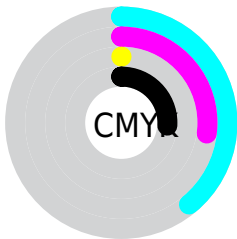
Blue (74%)



Red (45%)

Yellow (52%)

Blue (74%)

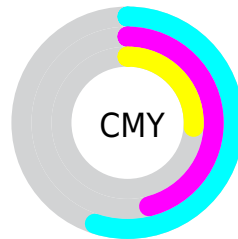


Cyan (39%)

Magenta (27%)

Yellow (0%)

Black (26%)



Cyan (55%)

Magenta (46%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Hex color 728ABC 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 728ABC by changing the saturation by 10% instead.

■ 728ABC

■ 728ABC

FFFFFF

■ 5871A1

■ A8BFF4

■ 3E5887

■ C4DBFF

■ 23416D

■ E1F8FF

■ 002B54

FEFFFF

■ 00173D

■ 000327

■ 000110

■ 000000

■ 728ABC

■ 728ABC

■ 5F7DBC

■ 8597BC

■ 4C71BC

■ 98A3BC

■ 3A64BC

■ AAB0BC

■ 2757BC

■ BDBDBC

■ 144ABC

■ D0CABC

■ 013EBC

■ E3D6BC

■ 003DBC

■ F6E3BC

■ FFF0BC

■ FFFCBC

Harmonies

Analogous

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



4A92B9



728ABC



9681B2

Triad

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



728ABC



B97A6C



5A9676

Complementary

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



728ABC



BCA472

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.



789261



728ABC



AB825B

Square

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



728ABC



BC7784



948B57



3C9890

Rectangle

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



728ABC



A97BA5



948B57



64956E

Sweetspot

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



728ABC



D7E1F5



72BCA3



696F7A



FAFAFA



7A7A7A

Same Dimension

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



728ABC



82A7F5



7E72BC



55585E



00339E



000A1F

Inverse Universe

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



BC728A



F582A7



B0BC72



5E5558



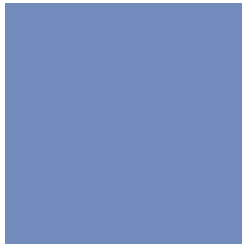
9E0033



1F000A

Previews

White Background



This preview shows how the Hex color 728ABC looks on a white background.

Color Contrast Check

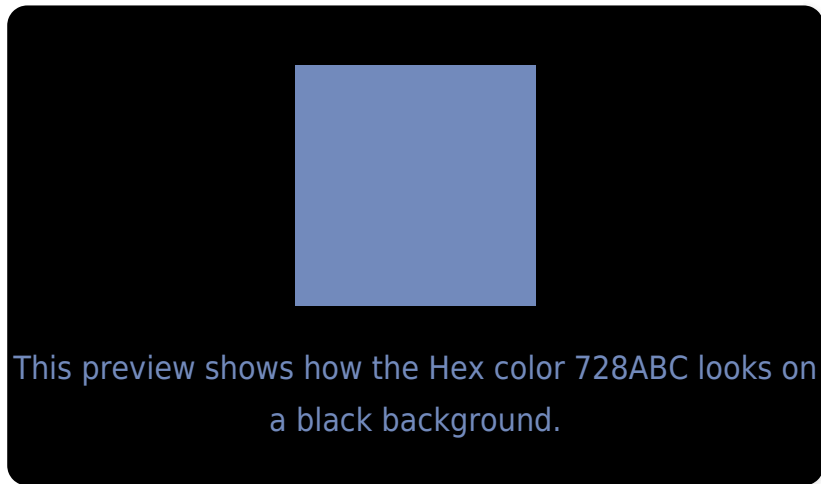
Large Text (above 18pt) WCAG AA ✓ Pass

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

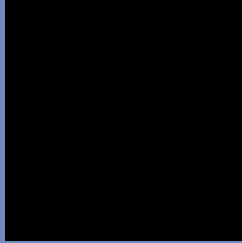
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

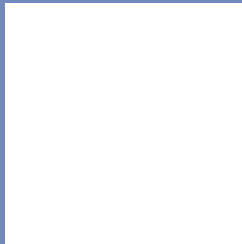
Any Text WCAG AAA × Fail

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

Hex 728ABC Background



This preview shows how black text looks on a background with the Hex color 728ABC.

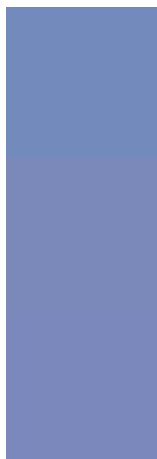


This preview shows how white text looks on a background with the Hex color 728ABC.

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


728ABC

Protanopia

7B88BA

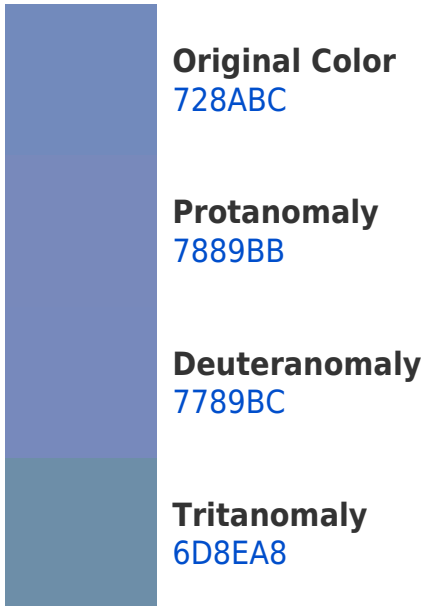
Deuteranopia

7A88BC



Tritanopia
6A909C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 728ABC 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 #728ABC looks like.

```
.text, #text, p{  
    color:#728ABC  
}
```

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 #728ABC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #728ABC
}
```

Border

The CSS property to change the border of an element to Hex 728ABC 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
#728ABC }
```

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

```
.border{ border-color:#728ABC }
```

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

Here you see how a box with a 4 pixel #728ABC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #728ABC; -webkit-box-shadow:4px 4px  
4px 4px #728ABC; box-shadow:4px 4px 4px  
4px #728ABC }
```

Background

The CSS property to change the background color of an element to Hex 728ABC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#728ABC }
```

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

```
.background{ background-color:#728ABC }
```

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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