

Converting Colors

Hex(828EA0)

Have a look what the booklet for
Hex(828EA0) contains.

Hex(828EA0)	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(828EA0)

Conversions

Conversions Part 1

Format	Color
Hex	828EA0
RGB	130, 142, 160
RGB Percent	51%, 56%, 63%
CMY	0.4902, 0.4431, 0.3725
CMYK	0.19, 0.11, 0.00, 0.37
HSL	216°, 14%, 57%
HSV	216°, 19%, 63%
XYZ	25.2241, 26.6299, 37.0683
YIQ	140.4640, -12.9300, 3.0540

Conversions

Conversions Part 2

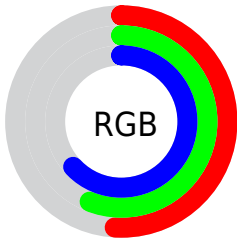
Format	Color
R_{YB}	130, 139, 160
Decimal	8556192
CIE _{Lab}	58.63, -0.37, -10.98
CIE _{LCh}	59, 10.985, 268.079
Yxy	26.6299, 0.2837, 0.2995
Android (android.graphics.Color)	4286746272 (0xFF828EA0)
YUV	140.4640, 9.6312, -9.1769
Hunter-Lab	51.6042, -3.0566, -6.4663

Details

The Hex color **828EA0** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **A09482**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **B7C4D7**, and **505C6D** is the 20% darker color. If you saturate the color by 10%, you get **7284A0**, and if you desaturate by 10%, it is **9298A0**.

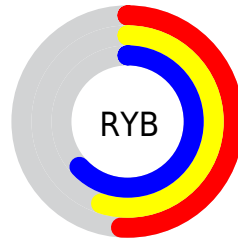
Distribution



Red (51%)

Green (56%)

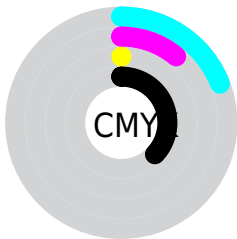
Blue (63%)



Red (51%)

Yellow (55%)

Blue (63%)

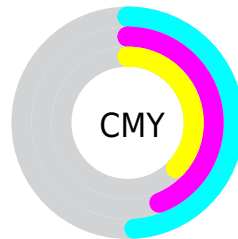


Cyan (19%)

Magenta (11%)

Yellow (0%)

Black (37%)



Cyan (49%)

Magenta (44%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 828EA0 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 828EA0 by changing the saturation by 10% instead.



828EA0



828EA0

FFFFFF



697486



B7C4D7



505C6D



D3E0F3



394454



EFFCFF



232E3D



0D1A27



000113



000000



828EA0



828EA0



7284A0



9298A0

■ 627BA0

■ A2A1A0

■ 5271A0

■ B2ABA0

■ 4268A0

■ C2B4A0

■ 325EA0

■ D2BEA0

■ 2254A0

■ E2C8A0

■ 124BA0

■ F2D1A0

■ 0241A0

■ FFDBA0

■ 0040A0

■ FFE4A0

Harmonies

Analogous

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



78919D



828EA0



8E8B9E

Triad

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



828EA0



A28784



809283

Complementary

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



828EA0



A09482

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.



8B8F7C



828EA0



9E897D

Square

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



828EA0



A0878E



968C7A



78938C

Rectangle

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



828EA0



96899A



968C7A



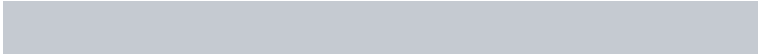
839180

Sweetspot

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



828EA0



C5CAD1



82A094



616469



E8E8E8



696969

Same Dimension

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



828EA0



A1B4D1



8582A0



474A4F



00398F



00060F

Inverse Universe

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



A0828E



D1A1B4



9DA082



4F474A



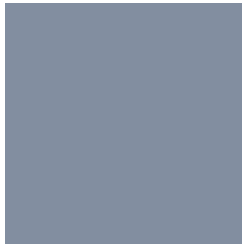
8F0039



0F0006

Previews

White Background



This preview shows how the Hex color 828EA0 looks on a white background.

Color Contrast Check

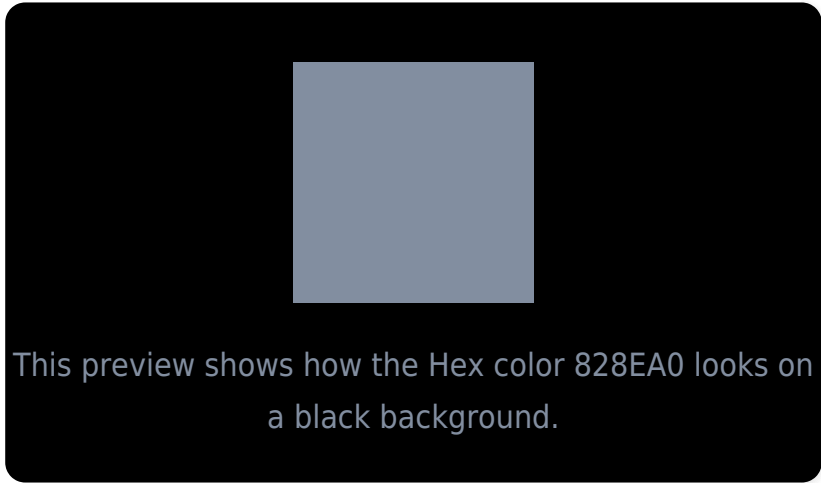
Large Text (above 18pt) WCAG AA ✓ Pass

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

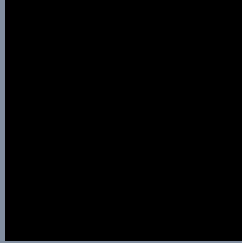
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

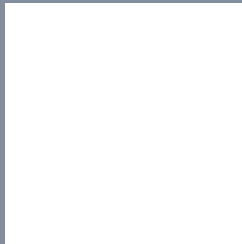
Any Text WCAG AAA × Fail

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

Hex 828EA0 Background



This preview shows how black text looks on a background with the Hex color 828EA0.



This preview shows how white text looks on a background with the Hex color 828EA0.

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

828EA0

Protanopia

8A8C9F

Deuteranopia

9189A1



Tritanopia
818F9A

Trichromacy



Original Color
828EA0

Protanomaly
878D9F

Deuteranomaly
8C8BA1

Tritanomaly
818F9C

Monochromacy



Original Color
828EA0

Achromatopsia
8C8C8C

Achromatomaly
888D93

CSS Examples

Text

The CSS property to change the color of the text to Hex 828EA0 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 #828EA0 looks like.

```
.text, #text, p{  
    color:#828EA0  
}
```

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 #828EA0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #828EA0
}
```

Border

The CSS property to change the border of an element to Hex 828EA0 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
#828EA0 }
```

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

```
.border{ border-color:#828EA0 }
```

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

Here you see how a box with a 4 pixel #828EA0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #828EA0; -webkit-box-shadow:4px 4px  
4px 4px #828EA0; box-shadow:4px 4px 4px  
4px #828EA0 }
```

Background

The CSS property to change the background color of an element to Hex 828EA0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#828EA0 }
```

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

```
.background{ background-color:#828EA0 }
```

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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