

Converting Colors

Hex(288EA1)

Have a look what the booklet for
Hex(288EA1) contains.

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Color

Hex(288EA1)

Conversions

Conversions Part 1

Format	Color
Hex	288EA1
RGB	40, 142, 161
RGB Percent	16%, 56%, 63%
CMY	0.8431, 0.4431, 0.3686
CMYK	0.75, 0.12, 0.00, 0.37
HSL	189°, 60%, 39%
HSV	189°, 75%, 63%
XYZ	16.9811, 22.3703, 37.1411
YIQ	113.6680, -66.8910, -15.7150

Conversions

Conversions Part 2

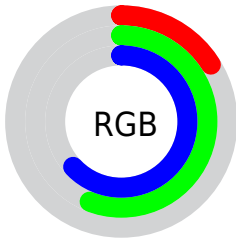
Format	Color
RYB	40, 95, 161
Decimal	2657953
CIELab	54.42, -21.92, -18.33
CIELCh	54, 28.573, 219.912
Yxy	22.3703, 0.2220, 0.2925
Android (android.graphics.Color)	4280848033 (0xFF288EA1)
YUV	113.6680, 23.3347, -64.6068
Hunter-Lab	47.2973, -18.6836, -13.4505

Details

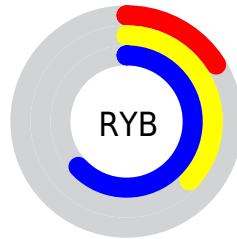
The Hex color **288EA1** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **A13B28**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **68C4D8**, and **005B6D** is the 20% darker color. If you saturate the color by 10%, you get **188BA1**, and if you desaturate by 10%, it is **3891A1**.

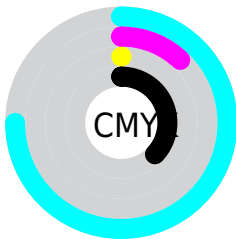
Distribution



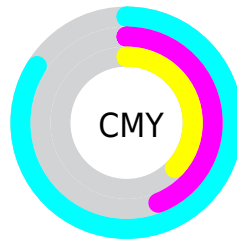
- Red (16%)
- Green (56%)
- Blue (63%)



- Red (16%)
- Yellow (37%)
- Blue (63%)



- Cyan (75%)
- Magenta (12%)
- Yellow (0%)
- Black (37%)



- Cyan (84%)
- Magenta (44%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 288EA1 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 288EA1 by changing the saturation by 10% instead.

■ 288EA1

■ 288EA1

FFFFFF

■ 007487

■ 68C4D8

■ 005B6D

■ 85E0F4

■ 004455

■ A2FDFF

■ 002D3E

■ C0FFFF

■ 001A28

■ DDFFFF

■ 000113

■ FBFFFF

■ 000000

■ 288EA1

■ 288EA1

■ 188BA1

■ 3891A1

0889A1

4893A1

0088A1

5896A1

6898A1

799BA1

899DA1

99A0A1

A9A2A1

B9A5A1

Harmonies

Analogous

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



34908A



288EA1



4589B0

Triad

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



288EA1



A87294



8B8351

Complementary

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



288EA1



A13B28

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.



A17B54



288EA1



B26F7B

Square

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



288EA1



9079A8



AF7364



708A5C

Rectangle

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



288EA1



6085B3



AF7364



938151

Sweetspot

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



288EA1



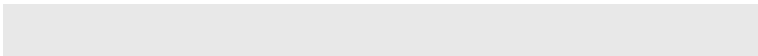
A1CAD1



28A13A



4B6469



E8E8E8



696969

Same Dimension

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



288EA1



15B4D1



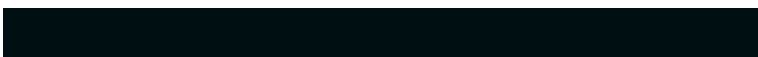
2852A1



495052



007B91



000F12

Inverse Universe

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



A1288E



D115B4



A17728



524950



91007B



12000F

Previews

White Background



This preview shows how the Hex color 288EA1 looks on a white background.

Color Contrast Check

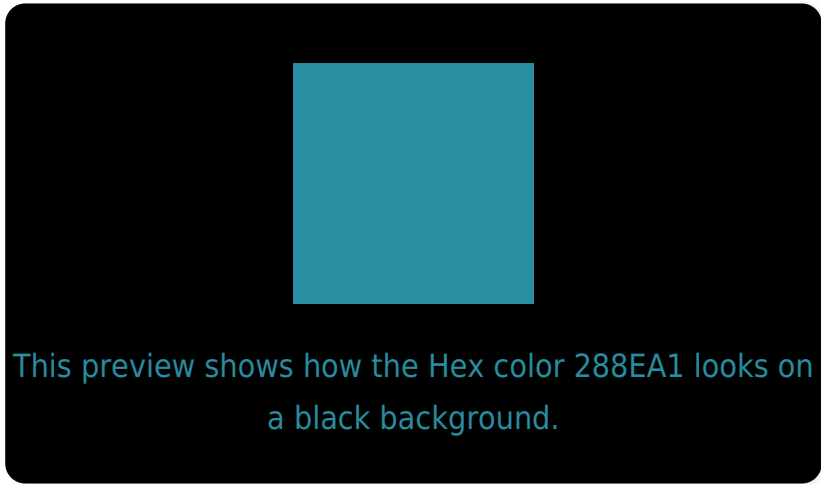
Large Text (above 18pt) WCAG AA ✓ Pass

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

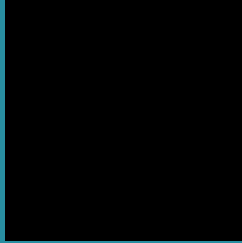
Any Text WCAG AA ✓ Pass

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 288EA1 Background



This preview shows how black text looks on a background with the Hex color 288EA1.

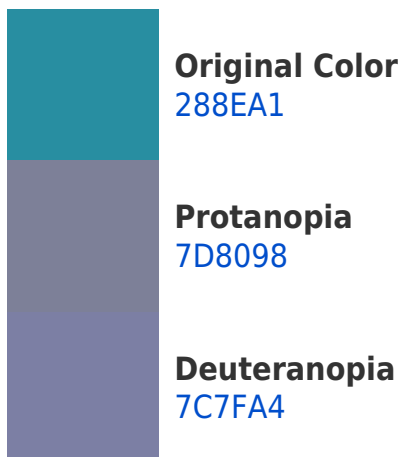


This preview shows how white text looks on a background with the Hex color 288EA1.

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](#).

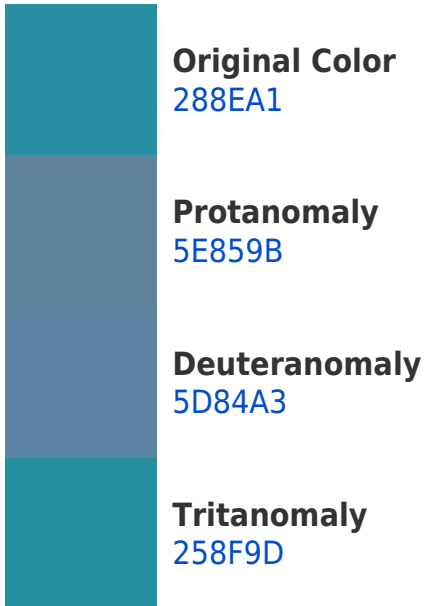
Dichromacy



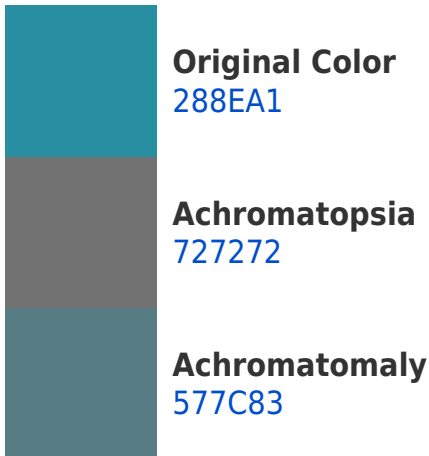


Tritanopia
238F9B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 288EA1 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 #288EA1 looks like.

```
.text, #text, p{  
    color:#288EA1  
}
```

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 #288EA1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #288EA1
}
```

Border

The CSS property to change the border of an element to Hex 288EA1 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
#288EA1 }
```

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

```
.border{ border-color:#288EA1 }
```

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

Here you see how a box with a 4 pixel #288EA1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #288EA1; -webkit-box-shadow:4px 4px  
4px 4px #288EA1; box-shadow:4px 4px 4px  
4px #288EA1 }
```

Background

The CSS property to change the background color of an element to Hex 288EA1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#288EA1 }
```

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

```
.background{ background-color:#288EA1 }
```

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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