

Converting Colors

Hex(289ECA)

Have a look what the booklet for
Hex(289ECA) contains.

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Color

Hex(289ECA)

Conversions

Conversions Part 1

Format	Color
Hex	289ECA
RGB	40, 158, 202
RGB Percent	16%, 62%, 79%
CMY	0.8431, 0.3804, 0.2078
CMYK	0.80, 0.22, 0.00, 0.21
HSL	196°, 67%, 47%
HSV	196°, 80%, 79%
XYZ	23.7626, 29.1691, 60.2549
YIQ	127.7340, -84.4520, -11.3320

Conversions

Conversions Part 2

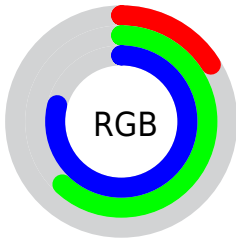
Format	Color
R_{YB}	40, 108, 202
Decimal	2662090
CIE _{Lab}	60.93, -16.61, -31.56
CIE _{LCh}	61, 35.667, 242.239
Yxy	29.1691, 0.2099, 0.2577
Android (android.graphics.Color)	4280852170 (0xFF289ECA)
YUV	127.7340, 36.6131, -76.9427
Hunter-Lab	54.0084, -15.9784, -28.3414

Details

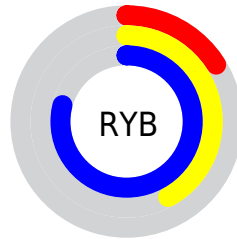
The Hex color **289ECA** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark muted azure. A complement of this color would be **CA5428**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **70D5FF**, and **006B94** is the 20% darker color. If you saturate the color by 10%, you get **1499CA**, and if you desaturate by 10%, it is **3CA3CA**.

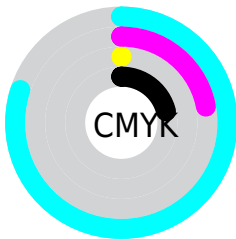
Distribution



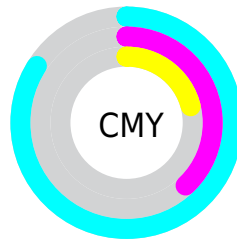
- Red (16%)
- Green (62%)
- Blue (79%)



- Red (16%)
- Yellow (42%)
- Blue (79%)



- Cyan (80%)
- Magenta (22%)
- Yellow (0%)
- Black (21%)



- Cyan (84%)
- Magenta (38%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color 289ECA 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 289ECA by changing the saturation by 10% instead.

 289ECA

 289ECA

FFFFFF

 0084AE

 70D5FF

 006B94

 8FF1FF

 00527A

 ADFFFF

 003B61

 CBFFFF

 002549

 EAFFFF

 000B32

 00021C

 000000

 289ECA

 289ECA

■ 1499CA

■ 3CA3CA

■ 0093CA

■ 50A9CA

■ 65AECA

■ 79B4CA

■ 8DB9CA

■ A1BFCA

■ B5C4CA

■ CACACA

■ DECFCA

Harmonies

Analogous

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



00A3B4



289ECA



6895D2

Triad

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



289ECA



CE7A92



849B5C

Complementary

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



289ECA



CA5428

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.



A59253



289ECA



CE7D73

Square

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



289ECA



BD7FB1



BF875C



5EA175

Rectangle

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



289ECA



8A8ECD



BF875C



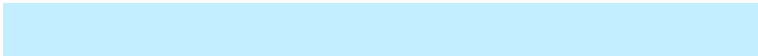
909857

Sweetspot

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



289ECA



C2EEFF



28CA53



5B7580



000000



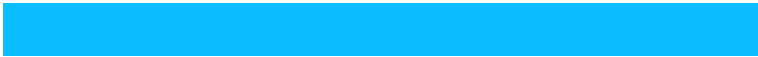
808080

Same Dimension

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



289ECA



0ABDFF



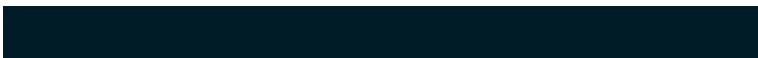
284ECA



5C6366



0079A6



001C26

Inverse Universe

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



CA289E



FF0ABD



CAA428



665C63



A60079



26001C

Previews

White Background



This preview shows how the Hex color 289ECA looks on a white background.

Color Contrast Check

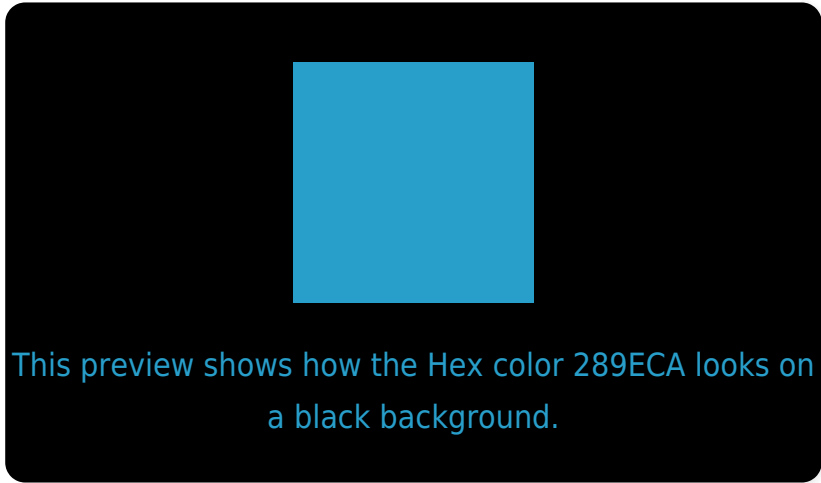
Large Text (above 18pt) WCAG AA ✓ Pass

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

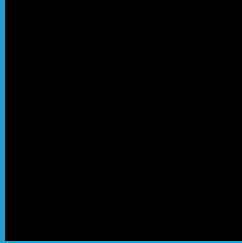
Any Text WCAG AA ✓ Pass

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 289ECA Background



This preview shows how black text looks on a background with the Hex color 289ECA.

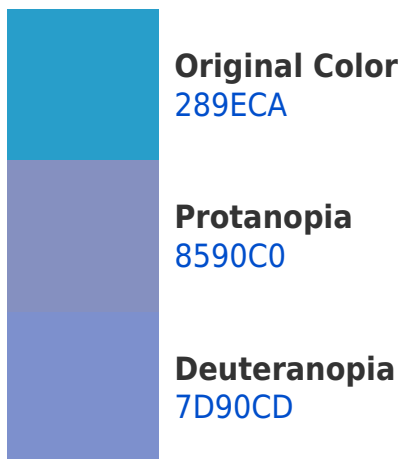


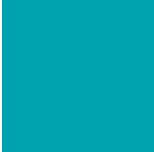
This preview shows how white text looks on a background with the Hex color 289ECA.

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](#).

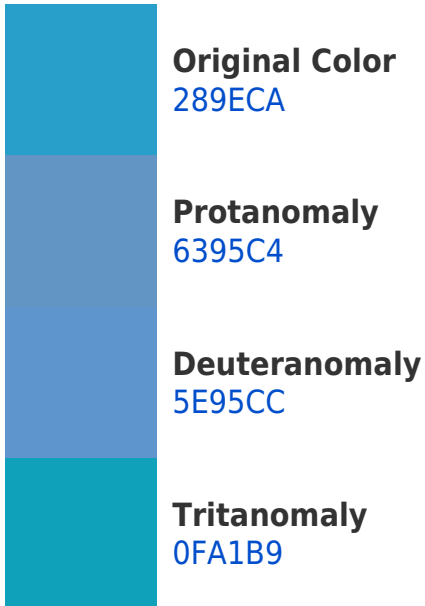
Dichromacy





Tritanopia
00A2AF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 289ECA 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 #289ECA looks like.

```
.text, #text, p{  
    color:#289ECA  
}
```

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 #289ECA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #289ECA
}
```

Border

The CSS property to change the border of an element to Hex 289ECA 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
#289ECA }
```

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

```
.border{ border-color:#289ECA }
```

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

Here you see how a box with a 4 pixel #289ECA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #289ECA; -webkit-box-shadow:4px 4px  
4px 4px #289ECA; box-shadow:4px 4px 4px  
4px #289ECA }
```

Background

The CSS property to change the background color of an element to Hex 289ECA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#289ECA }
```

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

```
.background{ background-color:#289ECA }
```

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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