

Converting Colors

Hex(55E29A)

Have a look what the booklet for
Hex(55E29A) contains.

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Color

Hex(55E29A)

Conversions

Conversions Part 1

Format	Color
Hex	55E29A
RGB	85, 226, 154
RGB Percent	33%, 89%, 60%
CMY	0.6667, 0.1137, 0.3961
CMYK	0.62, 0.00, 0.32, 0.11
HSL	149°, 71%, 61%
HSV	149°, 62%, 89%
XYZ	36.7754, 58.6571, 39.9555
YIQ	175.6330, -60.9240, -52.2840

Conversions

Conversions Part 2

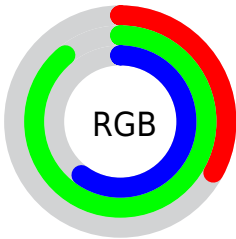
Format	Color
RYB	85, 180, 226
Decimal	5628570
CIELab	81.10, -54.20, 24.23
CIELCh	81, 59.374, 155.913
Yxy	58.6571, 0.2716, 0.4333
Android (android.graphics.Color)	4283818650 (0xFF55E29A)
YUV	175.6330, -10.6651, -79.4851
Hunter-Lab	76.5879, -48.3181, 22.6802

Details

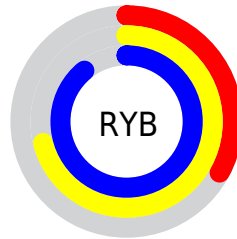
The Hex color **55E29A** is a light color, and the websafe version is hex **33CC99**. The color can be described as light muted spring green. A complement of this color would be **E2559D**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **93FFD1**, and **00AA66** is the 20% darker color. If you saturate the color by 10%, you get **3EE28E**, and if you desaturate by 10%, it is **6CE2A6**.

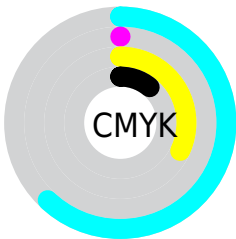
Distribution



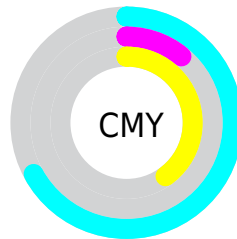
- Red (33%)
- Green (89%)
- Blue (60%)



- Red (33%)
- Yellow (71%)
- Blue (89%)



- Cyan (62%)
- Magenta (0%)
- Yellow (32%)
- Black (11%)



- Cyan (67%)
- Magenta (11%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Hex color 55E29A 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 55E29A by changing the saturation by 10% instead.

 55E29A

 55E29A

FFFFFF

 31C580

 93FFD1

 00AA66

 B1FFED

 008E4E

 CFFFFFF

 007436

 EDFFFF

 005A20

 004109

 002B00

 000800

 000000

 55E29A


 55E29A

 3EE28E

 6CE2A6

 28E283

 82E2B1

 11E277

 99E2BD

 00E26F

 AFE2C8

 C6E2D4

 DDE2DF

 F3E2EB

 FFE2F6

 FFE2FF

Harmonies

Analogous

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



A5D96C



55E29A



00E6D3

Triad

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



55E29A



7BCCFF



FFA38B

Complementary

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



55E29A



E2559D

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.



FF9AC1



55E29A



DCB6FF

Square

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



55E29A



00DBFF



FFA2F8



FFB663

Rectangle

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



55E29A



00E5F8



FFA2F8



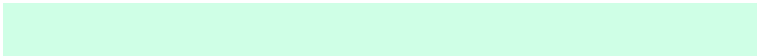
FF9E9C

Sweetspot

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



55E29A



CFFFE6



9EE255



628071



000000



808080

Same Dimension

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



55E29A



40FF9D



55E2E0



65706A



00B056



003018

Inverse Universe

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



E2559D



FF40A1



E25557



70656B



B0005A



300019

Previews

White Background



This preview shows how the Hex color 55E29A looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 55E29A looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

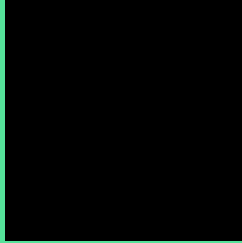
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Hex 55E29A Background



This preview shows how black text looks on a background with the Hex color 55E29A.

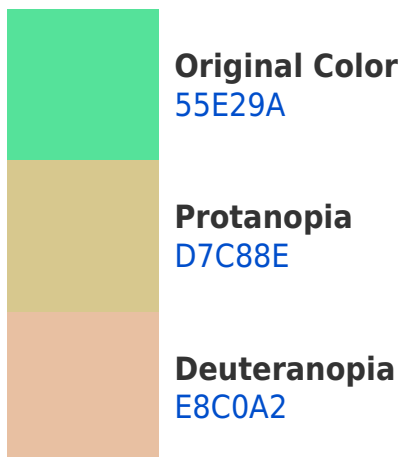


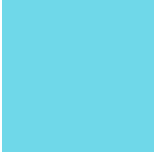
This preview shows how white text looks on a background with the Hex color 55E29A.

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](#).

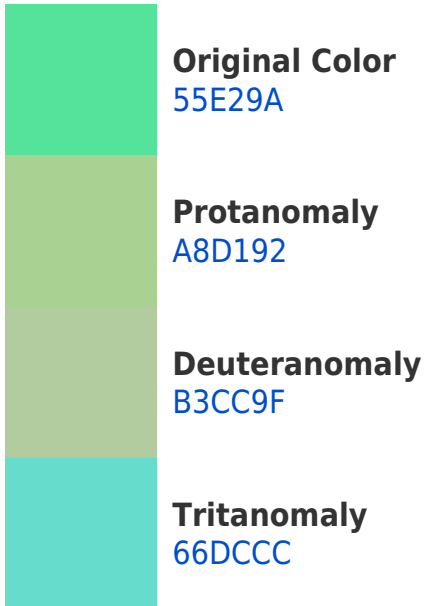
Dichromacy



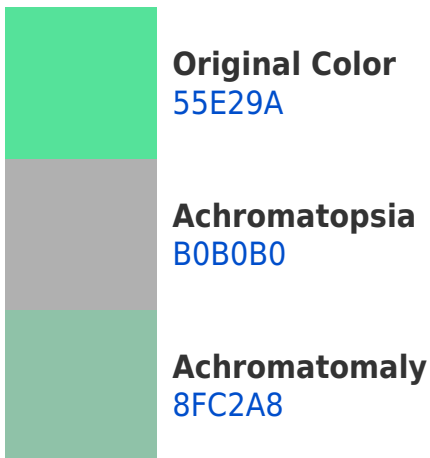


Tritanopia
6FD8E9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 55E29A 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 #55E29A looks like.

```
.text, #text, p{  
    color:#55E29A  
}
```

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 #55E29A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #55E29A
}
```

Border

The CSS property to change the border of an element to Hex 55E29A 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
#55E29A }
```

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

```
.border{ border-color:#55E29A }
```

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

Here you see how a box with a 4 pixel #55E29A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #55E29A; -webkit-box-shadow:4px 4px  
4px 4px #55E29A; box-shadow:4px 4px 4px  
4px #55E29A }
```

Background

The CSS property to change the background color of an element to Hex 55E29A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#55E29A }
```

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

```
.background{ background-color:#55E29A }
```

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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