

Converting Colors

Hex(58E2C2)

Have a look what the booklet for
Hex(58E2C2) contains.

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Color

Hex(58E2C2)

Conversions

Conversions Part 1

Format	Color
Hex	58E2C2
RGB	88, 226, 194
RGB Percent	35%, 89%, 76%
CMY	0.6549, 0.1137, 0.2392
CMYK	0.61, 0.00, 0.14, 0.11
HSL	166°, 70%, 62%
HSV	166°, 61%, 89%
XYZ	40.9585, 60.3625, 60.5313
YIQ	181.0900, -71.9760, -39.2080

Conversions

Conversions Part 2

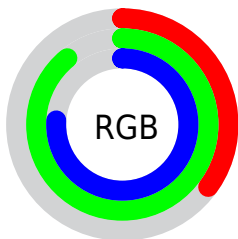
Format	Color
R _{YB}	88, 166, 226
Decimal	5825218
CIE _{Lab}	82.03, -44.90, 4.57
CIE _{LCh}	82, 45.133, 174.183
Y _{xy}	60.3625, 0.2531, 0.3729
Android (android.graphics.Color)	4284015298 (0xFF58E2C2)
YUV	181.0900, 6.3646, -81.6399
Hunter-Lab	77.6933, -41.8613, 8.1921

Details

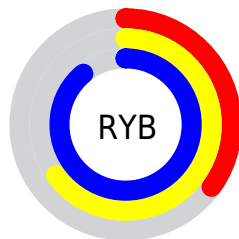
The Hex color **58E2C2** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light muted cyan. A complement of this color would be **E25878**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **96FFFA**, and **00AA8C** is the 20% darker color. If you saturate the color by 10%, you get **41E2BD**, and if you desaturate by 10%, it is **6FE2C7**.

Distribution



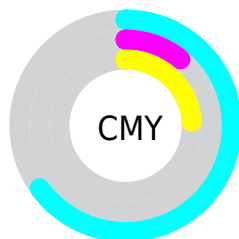
- Red (35%)
- Green (89%)
- Blue (76%)



- Red (35%)
- Yellow (65%)
- Blue (89%)



- Cyan (61%)
- Magenta (0%)
- Yellow (14%)
- Black (11%)



- Cyan (65%)
- Magenta (11%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 58E2C2 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 58E2C2 by changing the saturation by 10% instead.

 58E2C2

 58E2C2

FFFFFF

 34C6A7

 96FFFA

 00AA8C

 B4FFFF

 008F73

 D3FFFF

 00745A

 F1FFFF

 005B43

 00422D

 002C18

 000E00

 000000

 58E2C2

 58E2C2

 41E2BD

 6FE2C7

 2BE2B8

 85E2CC

 14E2B2

 9CE2D2

 00E2AE

 B2E2D7

 C9E2DC

 E0E2E1

 F6E2E7

 FFE2EC

 FFE2F1

Harmonies

Analogous

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



93DD99



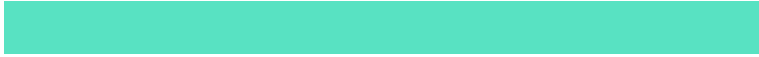
58E2C2



00E2ED

Triad

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



58E2C2



C5C4FF



FFB889

Complementary

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



58E2C2



E25878

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.



FFADAB



58E2C2



F9B5FE

Square

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



58E2C2



7ED3FF



FFABD6



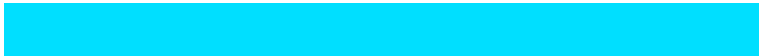
EFC777

Rectangle

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



58E2C2



00DFFF



FFABD6



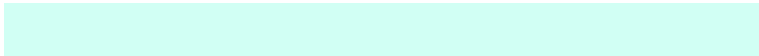
FFB393

Sweetspot

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



58E2C2



D1FFF4



78E258



638079



000000



808080

Same Dimension

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



58E2C2



45FFD4



58BDE2



65706E



00B087



003025

Inverse Universe

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



E25878



FF4570



E27D58



706568



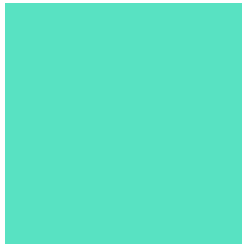
B00029



30000B

Previews

White Background



This preview shows how the Hex color 58E2C2 looks on a white background.

Color Contrast Check

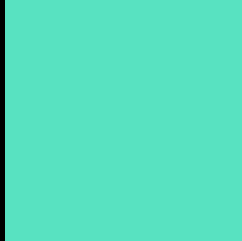
Large Text (above 18pt) WCAG AA × Fail

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 58E2C2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

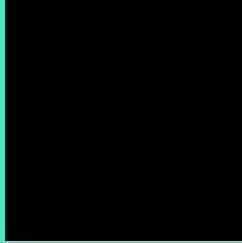
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

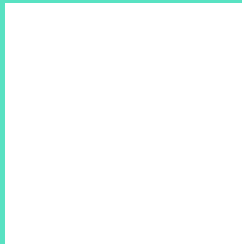
Any Text WCAG AAA ✓ Pass

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

Hex 58E2C2 Background



This preview shows how black text looks on a background with the Hex color 58E2C2.

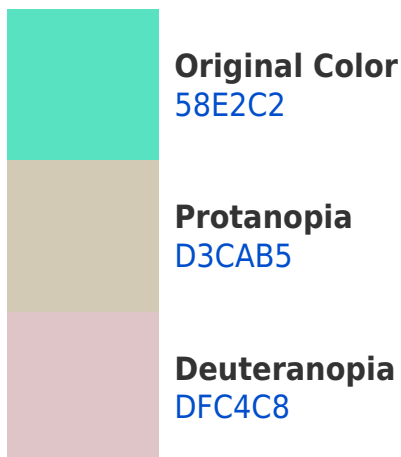


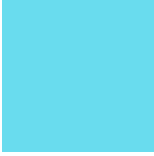
This preview shows how white text looks on a background with the Hex color 58E2C2.

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
69DCEE

Trichromacy



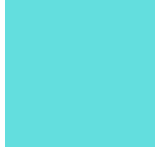
Original Color
58E2C2



Protanomaly
A6D3BA



Deuteranomaly
AECFC6

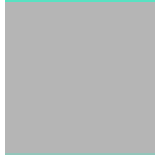


Tritanomaly
63DEDE

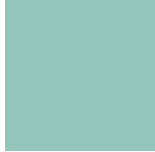
Monochromacy



Original Color
58E2C2



Achromatopsia
B5B5B5



Achromatomaly
93C5BA

CSS Examples

Text

The CSS property to change the color of the text to Hex 58E2C2 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 #58E2C2 looks like.

```
.text, #text, p{  
    color:#58E2C2  
}
```

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 #58E2C2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #58E2C2
}
```

Border

The CSS property to change the border of an element to Hex 58E2C2 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
#58E2C2 }
```

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

```
.border{ border-color:#58E2C2 }
```

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

Here you see how a box with a 4 pixel #58E2C2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #58E2C2; -webkit-box-shadow:4px 4px  
4px 4px #58E2C2; box-shadow:4px 4px 4px  
4px #58E2C2 }
```

Background

The CSS property to change the background color of an element to Hex 58E2C2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#58E2C2 }
```

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

```
.background{ background-color:#58E2C2 }
```

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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