

Converting Colors

Hex(58E7DA)

Have a look what the booklet for
Hex(58E7DA) contains.

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Color

Hex(58E7DA)

Conversions

Conversions Part 1

Format	Color
Hex	58E7DA
RGB	88, 231, 218
RGB Percent	35%, 91%, 85%
CMY	0.6549, 0.0941, 0.1451
CMYK	0.62, 0.00, 0.06, 0.09
HSL	175°, 75%, 63%
HSV	175°, 62%, 91%
XYZ	45.2553, 64.2885, 76.3534
YIQ	186.7610, -81.0550, -34.3590

Conversions

Conversions Part 2

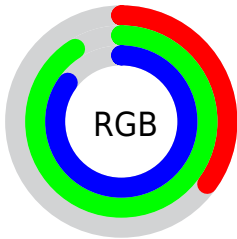
Format	Color
RYB	88, 163, 231
Decimal	5826522
CIELab	84.12, -41.10, -5.07
CIELCh	84, 41.412, 187.036
Yxy	64.2885, 0.2434, 0.3458
Android (android.graphics.Color)	4284016602 (0xFF58E7DA)
YUV	186.7610, 15.4008, -86.6134
Hunter-Lab	80.1801, -39.5661, -0.3342




Details

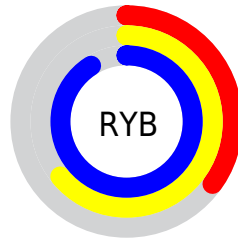
The Hex color **58E7DA** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light muted cyan. A complement of this color would be **E75865**, and the grayscale version is **BBBBBB**.




A 20% lighter version of the original color is **98FFFF**, and **00AFA3** is the 20% darker color. If you saturate the color by 10%, you get **41E7D8**, and if you desaturate by 10%, it is **6FE7DC**.

Distribution







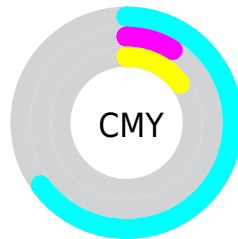
-  Red (35%)
-  Green (91%)
-  Blue (85%)






-  Red (35%)
-  Yellow (64%)
-  Blue (91%)



-  Cyan (62%)
-  Magenta (0%)
-  Yellow (6%)
-  Black (9%)



-  Cyan (65%)
-  Magenta (9%)
-  Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 58E7DA 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 58E7DA by changing the saturation by 10% instead.

 58E7DA

 58E7DA

FFFFFF

 32CBBE

 98FFFF

 00AFA3

 B7FFFF

 009489

 D5FFFF

 007970

 F4FFFF

 006057

 004740

 00302A

 001816

 000000

 58E7DA

 58E7DA

 41E7D8

 6FE7DC

 2AE7D6

 86E7DE

 13E7D4

 9DE7E0

 00E7D2

 B4E7E2

 CBE7E5

 E3E7E7

 FAE7E9

 FFE7EB

 FFE7ED

Harmonies

Analogous

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



89E4B2



58E7DA



3EE5FF

Triad

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



58E7DA



E3C4FF



FFC58B

Complementary

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



58E7DA



E75865

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.



FFB9A5



58E7DA



FFB8F1

Square

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



58E7DA



AAD2FF



FFB4CA



E3D284

Rectangle

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



58E7DA



56E1FF



FFB4CA



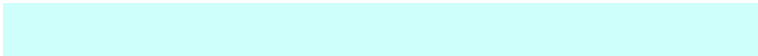
FFC192

Sweetspot

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



58E7DA



CFFFFB



66E758



62807D



000000



808080

Same Dimension

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



58E7DA



42FFEE



58AEE7



677372



00B3A2



00332E

Inverse Universe

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



E75865



FF4253



E79158



736768



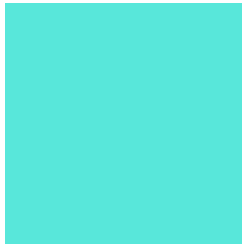
B30010



330005

Previews

White Background



This preview shows how the Hex color 58E7DA looks on a white background.

Color Contrast Check

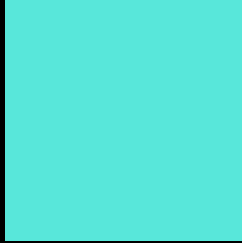
Large Text (above 18pt) WCAG AA × Fail

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 58E7DA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

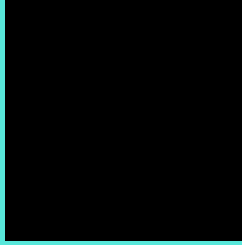
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

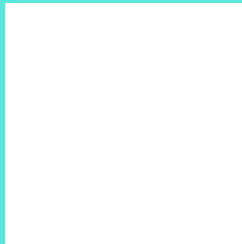
Any Text WCAG AAA ✓ Pass

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

Hex 58E7DA Background



This preview shows how black text looks on a background with the Hex color 58E7DA.

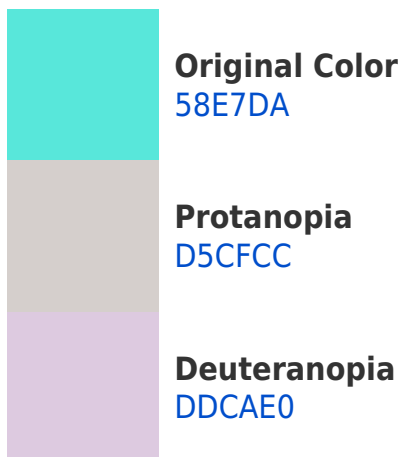


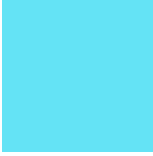
This preview shows how white text looks on a background with the Hex color 58E7DA.

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
64E3F5

Trichromacy



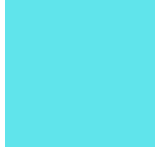
Original Color
58E7DA



Protanomaly
A8D8D1



Deuteranomaly
ADD5DE

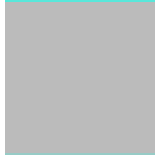


Tritanomaly
60E4EB

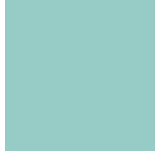
Monochromacy



Original Color
58E7DA



Achromatopsia
BBBBBB



Achromatomaly
97CBC6

CSS Examples

Text

The CSS property to change the color of the text to Hex 58E7DA 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 #58E7DA looks like.

```
.text, #text, p{  
    color:#58E7DA  
}
```

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 #58E7DA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #58E7DA
}
```

Border

The CSS property to change the border of an element to Hex 58E7DA 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
#58E7DA }
```

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

```
.border{ border-color:#58E7DA }
```

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

Here you see how a box with a 4 pixel #58E7DA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #58E7DA; -webkit-box-shadow:4px 4px  
4px 4px #58E7DA; box-shadow:4px 4px 4px  
4px #58E7DA }
```

Background

The CSS property to change the background color of an element to Hex 58E7DA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#58E7DA }
```

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

```
.background{ background-color:#58E7DA }
```

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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