

Converting Colors

Hex(58E6D7)

Have a look what the booklet for
Hex(58E6D7) contains.

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Color

Hex(58E6D7)

Conversions

Conversions Part 1

Format	Color
Hex	58E6D7
RGB	88, 230, 215
RGB Percent	35%, 90%, 84%
CMY	0.6549, 0.0980, 0.1569
CMYK	0.62, 0.00, 0.07, 0.10
HSL	174°, 74%, 62%
HSV	174°, 62%, 90%
XYZ	44.5871, 63.5746, 74.2111
YIQ	185.8320, -79.8170, -34.7690

Conversions

Conversions Part 2

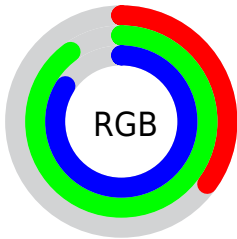
Format	Color
R _Y B	88, 163, 230
Decimal	5826263
CIE Lab	83.74, -41.43, -4.04
CIE LCh	84, 41.624, 185.565
Yxy	63.5746, 0.2445, 0.3486
Android (android.graphics.Color)	4284016343 (0xFF58E6D7)
YUV	185.8320, 14.3798, -85.7987
Hunter-Lab	79.7337, -39.7168, 0.6302

Details

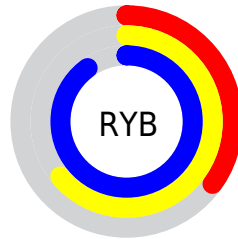
The Hex color **58E6D7** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light muted cyan. A complement of this color would be **E65867**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **98FFFF**, and **00AEA0** is the 20% darker color. If you saturate the color by 10%, you get **41E6D5**, and if you desaturate by 10%, it is **6FE6D9**.

Distribution



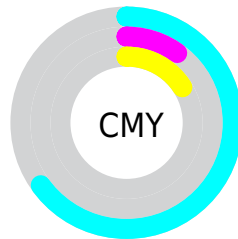
- Red (35%)
- Green (90%)
- Blue (84%)



- Red (35%)
- Yellow (64%)
- Blue (90%)



- Cyan (62%)
- Magenta (0%)
- Yellow (7%)
- Black (10%)



- Cyan (65%)
- Magenta (10%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 58E6D7 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 58E6D7 by changing the saturation by 10% instead.

 58E6D7

 58E6D7

FFFFFF

 32CABB

 98FFFF

 00AEA0

 B6FFFF

 009386

 D5FFFF

 00786D

 F3FFFF

 005F55

 00463E

 002F28

 001614

 000000

 58E6D7

 58E6D7

 41E6D5

 6FE6D9

 2AE6D2

 86E6DC

 13E6D0

 9DE6DE

 00E6CE

 B4E6E1

 CBE6E3

 E2E6E6

 F9E6E8

 FFE6EA

 FFE6ED

Harmonies

Analogous

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



8AE3AF



58E6D7



39E4FD

Triad

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



58E6D7



DFC4FF



FFC38A

Complementary

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



58E6D7



E65867

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.



FFB7A5



58E6D7



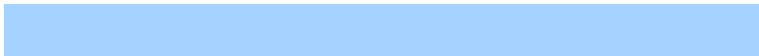
FFB8F2

Square

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



58E6D7



A5D2FF



FFB2CB



E4D182

Rectangle

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



58E6D7



50E0FF



FFB2CB



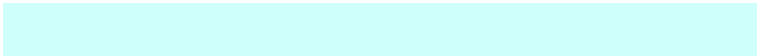
FFBF91

Sweetspot

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



58E6D7



CFFFA



69E658



62807C



000000



808080

Same Dimension

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



58E6D7



42FFEB



58B0E6



677372



00B3A0



00332E

Inverse Universe

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



E65867



FF4256



E68E58



736768



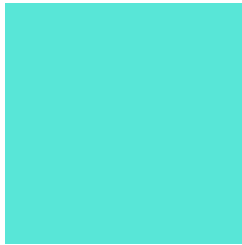
B30013



330005

Previews

White Background



This preview shows how the Hex color 58E6D7 looks on a white background.

Color Contrast Check

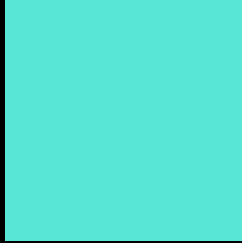
Large Text (above 18pt) WCAG AA × Fail

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 58E6D7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

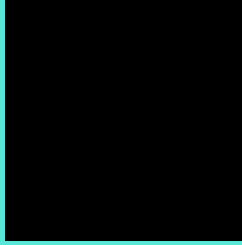
Any Text WCAG AA ✓ Pass

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 58E6D7 Background



This preview shows how black text looks on a background with the Hex color 58E6D7.

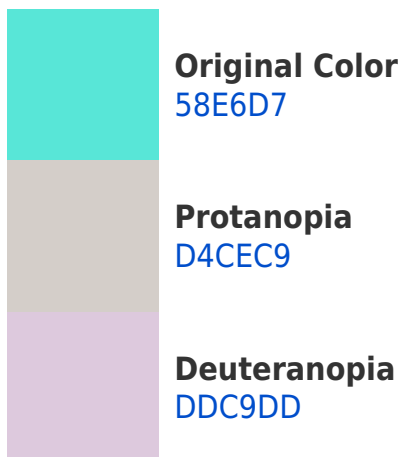


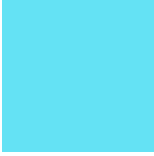
This preview shows how white text looks on a background with the Hex color 58E6D7.

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



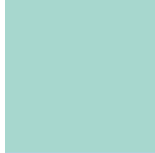


Tritanopia
64E2F4

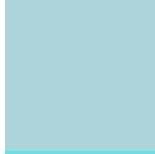
Trichromacy



Original Color
58E6D7



Protanomaly
A7D7CE



Deuteranomaly
ADD4DB

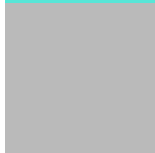


Tritanomaly
60E3E9

Monochromacy



Original Color
58E6D7



Achromatopsia
BABABA



Achromatomaly
96CAC5

CSS Examples

Text

The CSS property to change the color of the text to Hex 58E6D7 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 #58E6D7 looks like.

```
.text, #text, p{  
    color:#58E6D7  
}
```

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 #58E6D7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #58E6D7
}
```

Border

The CSS property to change the border of an element to Hex 58E6D7 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
#58E6D7 }
```

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

```
.border{ border-color:#58E6D7 }
```

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

Here you see how a box with a 4 pixel #58E6D7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #58E6D7; -webkit-box-shadow:4px 4px  
4px 4px #58E6D7; box-shadow:4px 4px 4px  
4px #58E6D7 }
```

Background

The CSS property to change the background color of an element to Hex 58E6D7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#58E6D7 }
```

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

```
.background{ background-color:#58E6D7 }
```

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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