

Converting Colors

Hex(58ECA5)

Have a look what the booklet for
Hex(58ECA5) contains.

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Color

Hex(58ECA5)

Conversions

Conversions Part 1

Format	Color
Hex	58ECA5
RGB	88, 236, 165
RGB Percent	35%, 93%, 65%
CMY	0.6549, 0.0745, 0.3529
CMYK	0.63, 0.00, 0.30, 0.07
HSL	151°, 80%, 64%
HSV	151°, 63%, 93%
XYZ	40.8115, 64.7822, 45.9505
YIQ	183.6540, -65.4170, -53.4570

Conversions

Conversions Part 2

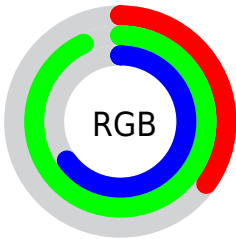
Format	Color
RYB	88, 185, 236
Decimal	5827749
CIELab	84.37, -55.42, 23.04
CIElCh	84, 60.021, 157.430
Yxy	64.7822, 0.2693, 0.4275
Android (android.graphics.Color)	4284017829 (0xFF58ECA5)
YUV	183.6540, -9.1964, -83.8886
Hunter-Lab	80.4874, -50.3438, 22.4923

Details

The Hex color **58ECA5** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light muted spring green. A complement of this color would be **EC589F**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **97FFDC**, and **00B371** is the 20% darker color. If you saturate the color by 10%, you get **40EC9A**, and if you desaturate by 10%, it is **70ECB0**.

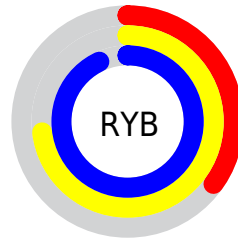
Distribution



Red (35%)

Green (93%)

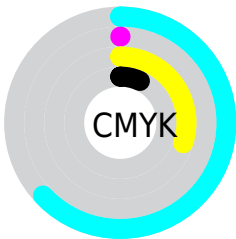
Blue (65%)



Red (35%)

Yellow (73%)

Blue (93%)

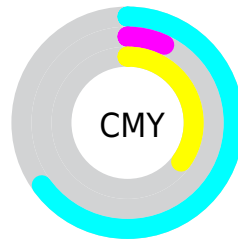


Cyan (63%)

Magenta (0%)

Yellow (30%)

Black (7%)



Cyan (65%)

Magenta (7%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 58ECA5 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 58ECA5 by changing the saturation by 10% instead.

 58ECA5

 58ECA5


FFFFFF

 33CF8A

 97FFDC

 00B371

 B5FFF9

 009858

 D3FFFF

 007D40

 F2FFFF

 006329

 004913

 003200

 001800

 000000

 58ECA5


 58ECA5

 40EC9A

 70ECB0

 29EC8E

 87ECBC

 11EC83

 9FECC7

 00EC7B

 B6ECD2

 CEECDE

 E6ECE9

 FDECF4

 FFECFF

Harmonies

Analogous

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



AAE375



58ECA5



00EFDf

Triad

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



58ECA5



8AD4FF



FFAC91

Complementary

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



58ECA5



EC589F

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.



FFA2C7



58ECA5



E9BEFF

Square

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



58ECA5



00E4FF



FFAAFF



FFC069

Rectangle

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



58ECA5



00EEFF



FFAAFF



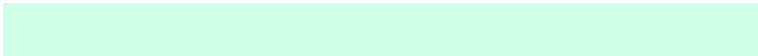
FFA7A1

Sweetspot

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



58ECA5



CFFFE8



A0EC58



628071



000000



808080

Same Dimension

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



58ECA5



40FFA3



58EAEC



6A7570



00B55E



00361C

Inverse Universe

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



EC589F



FF409B



EC5A58



756A6F



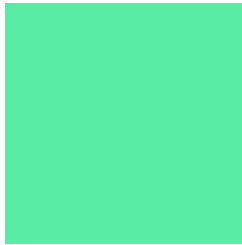
B50057



36001A

Previews

White Background



This preview shows how the Hex color 58ECA5 looks on a white background.

Color Contrast Check

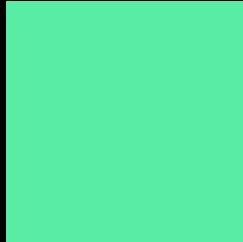
Large Text (above 18pt) WCAG AA × Fail

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 58ECA5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

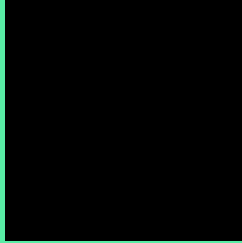
Any Text WCAG AA ✓ Pass

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 58ECA5 Background



This preview shows how black text looks on a background with the Hex color 58ECA5.

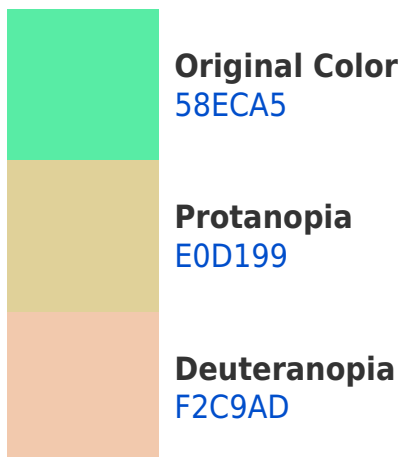


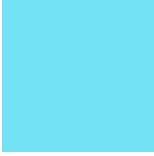
This preview shows how white text looks on a background with the Hex color 58ECA5.

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
73E2F4

Trichromacy



Original Color
58ECA5



Protanomaly
AFDB9D



Deuteranomaly
BAD6AA



Tritanomaly
69E6D7

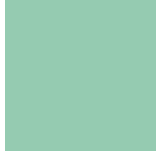
Monochromacy



Original Color
58ECA5



Achromatopsia
B8B8B8



Achromatomaly
95CBB1

CSS Examples

Text

The CSS property to change the color of the text to Hex 58ECA5 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 #58ECA5 looks like.

```
.text, #text, p{  
    color:#58ECA5  
}
```

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 #58ECA5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #58ECA5  
}
```

Border

The CSS property to change the border of an element to Hex 58ECA5 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  
#58ECA5 }
```

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

```
.border{ border-color:#58ECA5 }
```

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

Here you see how a box with a 4 pixel #58ECA5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #58ECA5; -webkit-box-shadow:4px 4px  
4px 4px #58ECA5; box-shadow:4px 4px 4px  
4px #58ECA5 }
```

Background

The CSS property to change the background color of an element to Hex 58ECA5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#58ECA5 }
```

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

```
.background{ background-color:#58ECA5 }
```

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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