

Converting Colors

Hex(53E1A3)

Have a look what the booklet for
Hex(53E1A3) contains.

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Color

Hex(53E1A3)

Conversions

Conversions Part 1

Format	Color
Hex	53E1A3
RGB	83, 225, 163
RGB Percent	33%, 88%, 64%
CMY	0.6745, 0.1176, 0.3608
CMYK	0.63, 0.00, 0.28, 0.12
HSL	154°, 70%, 60%
HSV	154°, 63%, 88%
XYZ	37.1034, 58.3338, 43.9543
YIQ	175.4740, -64.7300, -49.3860

Conversions

Conversions Part 2

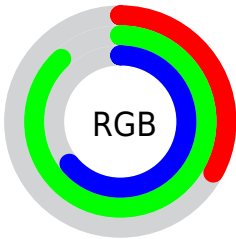
Format	Color
RYB	83, 174, 225
Decimal	5497251
CIELab	80.92, -52.35, 19.30
CIELCh	81, 55.797, 159.766
Yxy	58.3338, 0.2662, 0.4185
Android (android.graphics.Color)	4283687331 (0xFF53E1A3)
YUV	175.4740, -6.1497, -81.0997
Hunter-Lab	76.3765, -46.9445, 19.3425

Details

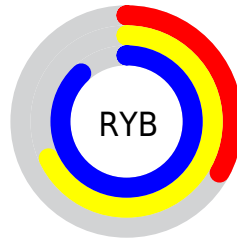
The Hex color **53E1A3** is a light color, and the websafe version is hex **33CC99**. The color can be described as light muted spring green. A complement of this color would be **E15391**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **91FFDA**, and **00A96F** is the 20% darker color. If you saturate the color by 10%, you get **3CE199**, and if you desaturate by 10%, it is **6AE1AD**.

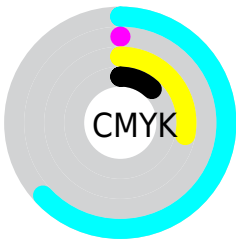
Distribution



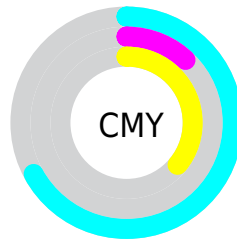
- Red (33%)
- Green (88%)
- Blue (64%)



- Red (33%)
- Yellow (68%)
- Blue (88%)



- Cyan (63%)
- Magenta (0%)
- Yellow (28%)
- Black (12%)



- Cyan (67%)
- Magenta (12%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 53E1A3 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 53E1A3 by changing the saturation by 10% instead.

 53E1A3

FFFFFF

 91FFDA

 AFFFF7

 CEFFFF

 ECFFFF

 53E1A3

 2EC489

 00A96F

 008D56

 00733F

 005928

 004013

 002A00

 000600

 000000

 53E1A3

 53E1A3

 3CE199

 6AE1AD

 26E18F

 80E1B7

 10E186

 97E1C0

 00E17F

 ADE1CA

 C3E1D4

 DAE1DE

 F0E1E8

 FFE1F2

 FFE1FB

Harmonies

Analogous

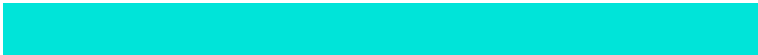
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



9FD976



53E1A3



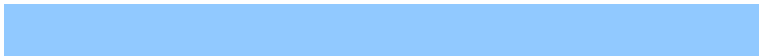
00E4D9

Triad

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



53E1A3



91C9FF



FFA789

Complementary

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



53E1A3



E15391

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.



FF9DBA



53E1A3



E4B5FF

Square

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



53E1A3



00D8FF



FFA3EE



FFB966

Rectangle

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



53E1A3



00E3FB



FFA3EE



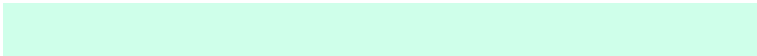
FFA298

Sweetspot

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



53E1A3



CFFFEA



93E153



628073



000000



808080

Same Dimension

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



53E1A3



3DFFAA



53DAE1



65706B



00B063



00301B

Inverse Universe

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



E15391



FF3D92



E15A53



70656A



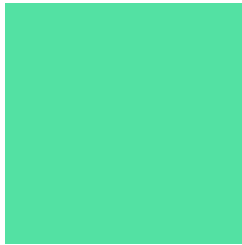
B0004D



300015

Previews

White Background



This preview shows how the Hex color 53E1A3 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 53E1A3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

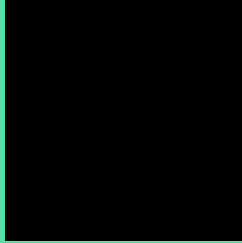
Any Text WCAG AA ✓ Pass

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 53E1A3 Background



This preview shows how black text looks on a background with the Hex color 53E1A3.

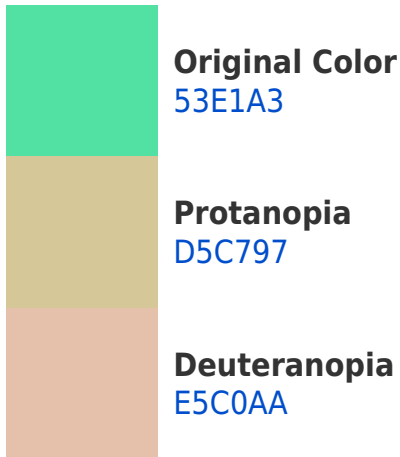


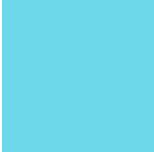
This preview shows how white text looks on a background with the Hex color 53E1A3.

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
6CD8E9

Trichromacy



Original Color
53E1A3



Protanomaly
A6D09B



Deuteranomaly
B0CCA7



Tritanomaly
63DBD0

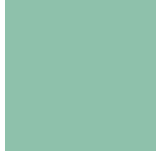
Monochromacy



Original Color
53E1A3



Achromatopsia
AFAFAF



Achromatomaly
8EC1AB

CSS Examples

Text

The CSS property to change the color of the text to Hex 53E1A3 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 #53E1A3 looks like.

```
.text, #text, p{  
    color:#53E1A3  
}
```

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 #53E1A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #53E1A3
}
```

Border

The CSS property to change the border of an element to Hex 53E1A3 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
#53E1A3 }
```

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

```
.border{ border-color:#53E1A3 }
```

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

Here you see how a box with a 4 pixel #53E1A3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #53E1A3; -webkit-box-shadow:4px 4px  
4px 4px #53E1A3; box-shadow:4px 4px 4px  
4px #53E1A3 }
```

Background

The CSS property to change the background color of an element to Hex 53E1A3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#53E1A3 }
```

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

```
.background{ background-color:#53E1A3 }
```

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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