

Converting Colors

Hex(53E1BD)

Have a look what the booklet for
Hex(53E1BD) contains.

Hex(53E1BD)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(53E1BD)

Conversions

Conversions Part 1

Format	Color
Hex	53E1BD
RGB	83, 225, 189
RGB Percent	33%, 88%, 74%
CMY	0.6745, 0.1176, 0.2588
CMYK	0.63, 0.00, 0.16, 0.12
HSL	165°, 70%, 60%
HSV	165°, 63%, 88%
XYZ	39.6778, 59.3636, 57.5112
YIQ	178.4380, -73.0760, -41.3000

Conversions

Conversions Part 2

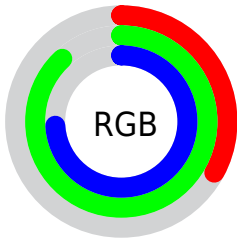
Format	Color
RYB	83, 164, 225
Decimal	5497277
CIELab	81.49, -46.53, 6.42
CIELCh	81, 46.975, 172.146
Yxy	59.3636, 0.2534, 0.3792
Android (android.graphics.Color)	4283687357 (0xFF53E1BD)
YUV	178.4380, 5.2071, -83.6991
Hunter-Lab	77.0477, -42.9102, 9.6772

Details

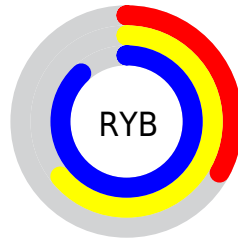
The Hex color **53E1BD** is a light color, and the websafe version is hex **33CC99**. The color can be described as light muted spring green. A complement of this color would be **E15377**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **92FFF5**, and **00A988** is the 20% darker color. If you saturate the color by 10%, you get **3CE1B7**, and if you desaturate by 10%, it is **6AE1C3**.

Distribution



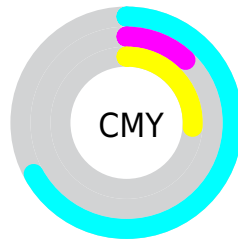
- Red (33%)
- Green (88%)
- Blue (74%)



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



- Cyan (63%)
- Magenta (0%)
- Yellow (16%)
- Black (12%)



- Cyan (67%)
- Magenta (12%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Hex color 53E1BD 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 53E1BD by changing the saturation by 10% instead.

 53E1BD

 53E1BD

FFFFFF

 2DC5A2

 92FFF5

 00A988

 B0FFFF

 008E6E

 CFFFFFF

 007356

 EDFFFF

 005A3F

 004129

 002B14

 000A00

 000000

 53E1BD

 53E1BD

 3CE1B7

 6AE1C3

 26E1B2

 80E1C8

 10E1AC

 97E1CE

 00E1A8

 ADE1D4

 C3E1DA

 DAE1DF

 F0E1E5

 FFE1EB

 FFE1F0

Harmonies

Analogous

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



93DC93



53E1BD



00E1EA

Triad

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



53E1BD



BEC3FF



FFB487

Complementary

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



53E1BD



E15377

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.



FFA9AC



53E1BD



F7B3FF

Square

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



53E1BD



70D2FF



FFA9D8



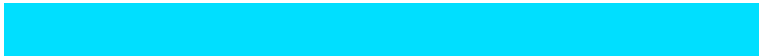
F1C473

Rectangle

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



53E1BD



00DFFF



FFA9D8



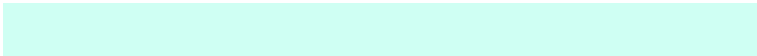
FFB091

Sweetspot

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



53E1BD



CFFF3



79E153



628078



000000



808080

Same Dimension

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



53E1BD



3DFFCE



53C0E1



65706D



00B083



003024

Inverse Universe

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



E15377



FF3D6E



E17453



706568



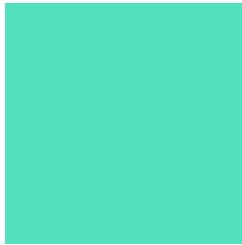
B0002D



30000C

Previews

White Background



This preview shows how the Hex color 53E1BD looks on a white background.

Color Contrast Check

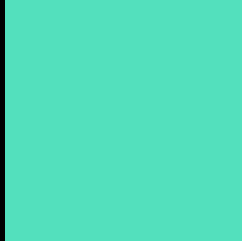
Large Text (above 18pt) WCAG AA × Fail

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 53E1BD looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

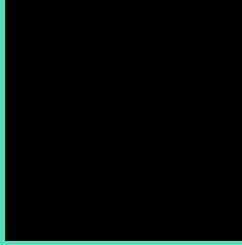
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

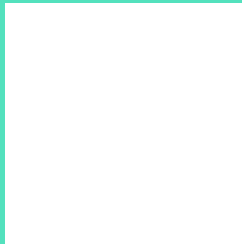
Any Text WCAG AAA ✓ Pass

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

Hex 53E1BD Background



This preview shows how black text looks on a background with the Hex color 53E1BD.

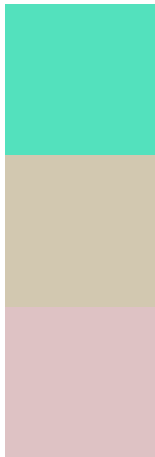


This preview shows how white text looks on a background with the Hex color 53E1BD.

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](#).

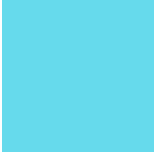
Dichromacy



Original Color
53E1BD

Protanopia
D2C8B0

Deuteranopia
DEC2C4



Tritanopia
66DAEC

Trichromacy



Original Color
53E1BD



Protanomaly
A4D1B5



Deuteranomaly
ABCDC1

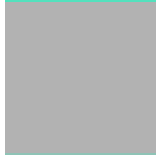


Tritanomaly
5FDDBB

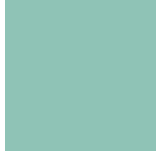
Monochromacy



Original Color
53E1BD



Achromatopsia
B2B2B2



Achromatomaly
8FC3B6

CSS Examples

Text

The CSS property to change the color of the text to Hex 53E1BD 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 #53E1BD looks like.

```
.text, #text, p{  
    color:#53E1BD  
}
```

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 #53E1BD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #53E1BD
}
```

Border

The CSS property to change the border of an element to Hex 53E1BD 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
#53E1BD }
```

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

```
.border{ border-color:#53E1BD }
```

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

Here you see how a box with a 4 pixel #53E1BD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #53E1BD; -webkit-box-shadow:4px 4px  
4px 4px #53E1BD; box-shadow:4px 4px 4px  
4px #53E1BD }
```

Background

The CSS property to change the background color of an element to Hex 53E1BD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#53E1BD }
```

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

```
.background{ background-color:#53E1BD }
```

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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