

# Converting Colors

Hex(53E4B9)

Have a look what the booklet for  
Hex(53E4B9) contains.

<b>Hex(53E4B9)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(53E4B9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	53E4B9
RGB	83, 228, 185
RGB Percent	33%, 89%, 73%
CMY	0.6745, 0.1059, 0.2745
CMYK	0.64, 0.00, 0.19, 0.11
HSL	162°, 73%, 61%
HSV	162°, 64%, 89%
XYZ	40.0676, 60.8286, 55.5282
YIQ	179.7430, -72.6170, -44.1130

# Conversions

## Conversions Part 2

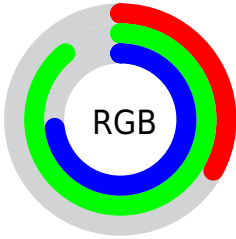
<b>Format</b>	<b>Color</b>
<b>RYB</b>	83, 168, 228
Decimal	5498041
CIELab	82.29, -48.74, 9.67
CIELCh	82, 49.693, 168.779
Yxy	60.8286, 0.2561, 0.3889
Android (android.graphics.Color)	4283688121 (0xFF53E4B9)
YUV	179.7430, 2.5917, -84.8436
Hunter-Lab	77.9927, -44.7853, 12.3823

# Details

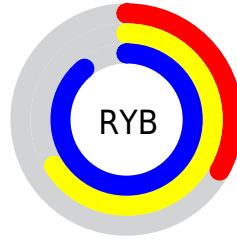
The Hex color **53E4B9** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light muted spring green. A complement of this color would be **E4537E**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **92FFF1**, and **00AC84** is the 20% darker color. If you saturate the color by 10%, you get **3CE4B2**, and if you desaturate by 10%, it is **6AE4C0**.

# Distribution



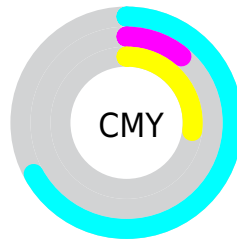
- Red (33%)
- Green (89%)
- Blue (73%)



- Red (33%)
- Yellow (66%)
- Blue (89%)



- Cyan (64%)
- Magenta (0%)
- Yellow (19%)
- Black (11%)



- Cyan (67%)
- Magenta (11%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 53E4B9 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 53E4B9 by changing the saturation by 10% instead.



 53E4B9

 53E4B9

FFFFFF

 2DC79E

 92FFF1

 00AC84

 B1FFFF

 00906B

 CFFFFFF


 007652

 EDFFFF

 005C3B

 004326

 002D11

 000F00

 000000


 53E4B9

 53E4B9

 3CE4B2

 6AE4C0

 25E4AB

 81E4C7

 0FE4A5

 97E4CD

 00E4A0

 AEE4D4

 C5E4DB

 DCE4E2

 F3E4E8

 FFE4EF

 FFE4F6

# Harmonies

## Analogous

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



97DE8D



53E4B9



00E5E9

# Triad

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



53E4B9



B6C7FF



FFB488

# Complementary

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



53E4B9



E4537E

# 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.



FFA8B1



53E4B9



F6B6FF

# Square

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



53E4B9



5CD7FF



FFA9E0



F9C470

# Rectangle

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



53E4B9



00E3FF



FFA9E0



FFAF95

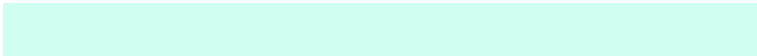


# Sweetspot

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



53E4B9



CFFFF1



7FE453



628077



000000



808080



# Same Dimension

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



53E4B9



3DFFC6



53C7E4



67736F



00B37E



003324



# Inverse Universe

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



E4537E



FF3D77



E47053



73676B



B30035



33000F



# Previews

## White Background



This preview shows how the Hex color 53E4B9 looks on a white background.

## Color Contrast Check

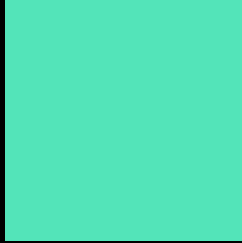
Large Text (above 18pt) WCAG AA × Fail

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 53E4B9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

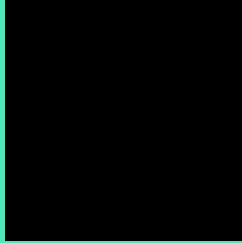
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

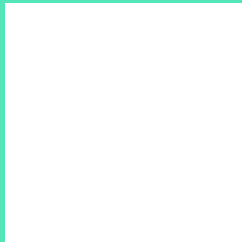
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 53E4B9 Background



This preview shows how black text looks on a background with the Hex color 53E4B9.

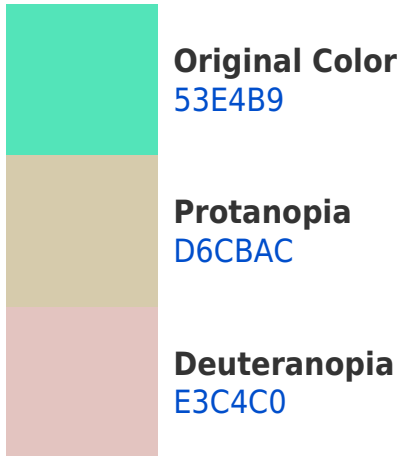


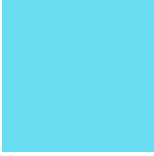
This preview shows how white text looks on a background with the Hex color 53E4B9.

# 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**  
68DDEF

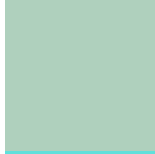
# Trichromacy



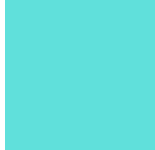
**Original Color**  
53E4B9



**Protanomaly**  
A6D4B1



**Deuteranomaly**  
AFD0BD

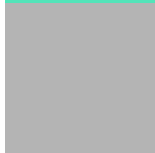


**Tritanomaly**  
60E0DB

# Monochromacy



**Original Color**  
53E4B9



**Achromatopsia**  
B4B4B4



**Achromatomaly**  
91C5B6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 53E4B9 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 #53E4B9 looks like.

```
.text, #text, p{  
    color:#53E4B9  
}
```

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 #53E4B9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #53E4B9
}
```

## Border

The CSS property to change the border of an element to Hex 53E4B9 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
#53E4B9 }
```

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

```
.border{ border-color:#53E4B9 }
```

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

Here you see how a box with a 4 pixel #53E4B9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #53E4B9; -webkit-box-shadow:4px 4px  
4px 4px #53E4B9; box-shadow:4px 4px 4px  
4px #53E4B9 }
```

# Background

The CSS property to change the background color of an element to Hex 53E4B9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#53E4B9 }
```

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

```
.background{ background-color:#53E4B9 }
```

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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