

Converting Colors

Hex(54E4C2)

Have a look what the booklet for
Hex(54E4C2) contains.

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Color

Hex(54E4C2)

Conversions

Conversions Part 1

Format	Color
Hex	54E4C2
RGB	84, 228, 194
RGB Percent	33%, 89%, 76%
CMY	0.6706, 0.1059, 0.2392
CMYK	0.63, 0.00, 0.15, 0.11
HSL	166°, 73%, 61%
HSV	166°, 63%, 89%
XYZ	41.1372, 61.2667, 60.6964
YIQ	181.0680, -74.9100, -41.1020

Conversions

Conversions Part 2

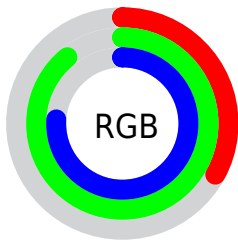
Format	Color
R _{YB}	84, 166, 228
Decimal	5563586
CIE Lab	82.52, -46.45, 5.26
CIE LCh	83, 46.749, 173.534
Yxy	61.2667, 0.2522, 0.3756
Android (android.graphics.Color)	4283753666 (0xFF54E4C2)
YUV	181.0680, 6.3755, -85.1286
Hunter-Lab	78.2730, -43.1654, 8.8150

Details

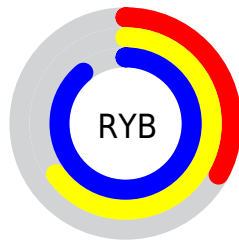
The Hex color **54E4C2** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light muted cyan. A complement of this color would be **E45476**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **93FFFA**, and **00AC8C** is the 20% darker color. If you saturate the color by 10%, you get **3DE4BD**, and if you desaturate by 10%, it is **6BE4C7**.

Distribution



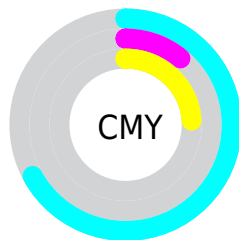
- Red (33%)
- Green (89%)
- Blue (76%)



- Red (33%)
- Yellow (65%)
- Blue (89%)



- Cyan (63%)
- Magenta (0%)
- Yellow (15%)
- Black (11%)



- Cyan (67%)
- Magenta (11%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 54E4C2 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 54E4C2 by changing the saturation by 10% instead.

 54E4C2

FFFFFF

 93FFFA

 B2FFFF


 D0FFFF

 EFFFFFF

 54E4C2

 2EC8A7

 00AC8C

 009173

 00765A

 005D43

 00442D

 002D18

 001000

 000000

 54E4C2

 54E4C2

 3DE4BD

 6BE4C7

 26E4B7

 82E4CD

 10E4B2

 98E4D2

 00E4AE

 AFE4D8

 C6E4DD

 DDE4E2

 F4E4E8

 FFE4ED

 FFE4F2

Harmonies

Analogous

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



93DF98



54E4C2



00E4EF

Triad

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



54E4C2



C4C6FF



FFB888

Complementary

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



54E4C2



E45476

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.



FFADAD



54E4C2



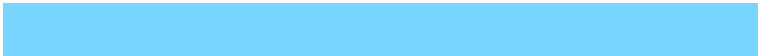
FBB6FF

Square

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



54E4C2



78D5FF



FFABD9



F2C875

Rectangle

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



54E4C2



00E1FF



FFABD9



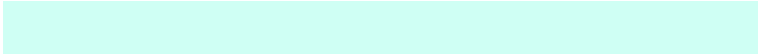
FFB493

Sweetspot

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



54E4C2



CFFFF4



78E454



628079



000000



808080

Same Dimension

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



54E4C2



3DFFD1



54C0E4



677370



00B388



003327

Inverse Universe

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



E45476



FF3D6B



E47854



73676A



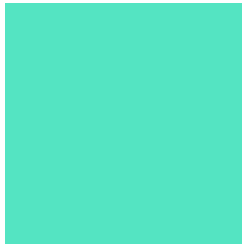
B3002A



33000C

Previews

White Background



This preview shows how the Hex color 54E4C2 looks on a white background.

Color Contrast Check

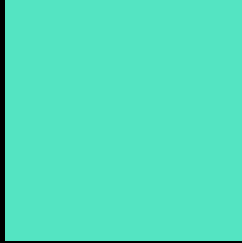
Large Text (above 18pt) WCAG AA × Fail

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 54E4C2 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

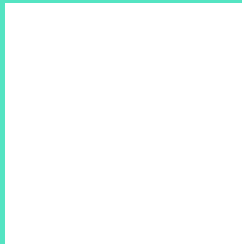
Any Text WCAG AAA ✓ Pass

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

Hex 54E4C2 Background



This preview shows how black text looks on a background with the Hex color 54E4C2.

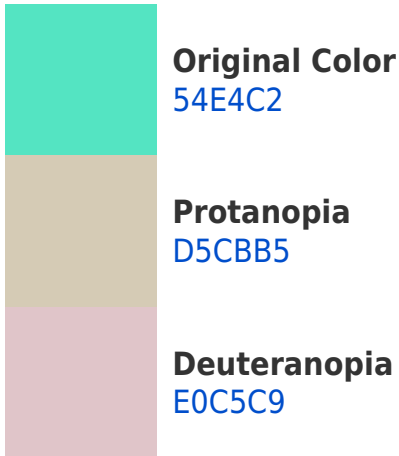


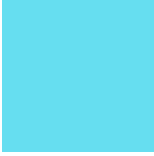
This preview shows how white text looks on a background with the Hex color 54E4C2.

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
66DEF0

Trichromacy



Original Color
54E4C2



Protanomaly
A6D4BA



Deuteranomaly
ADD0C6

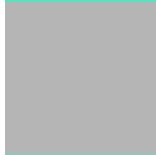


Tritanomaly
5FE0DF

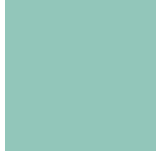
Monochromacy



Original Color
54E4C2



Achromatopsia
B5B5B5



Achromatomaly
92C6BA

CSS Examples

Text

The CSS property to change the color of the text to Hex 54E4C2 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 #54E4C2 looks like.

```
.text, #text, p{  
    color:#54E4C2  
}
```

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 #54E4C2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #54E4C2
}
```

Border

The CSS property to change the border of an element to Hex 54E4C2 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
#54E4C2 }
```

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

```
.border{ border-color:#54E4C2 }
```

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

Here you see how a box with a 4 pixel #54E4C2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #54E4C2; -webkit-box-shadow:4px 4px  
4px 4px #54E4C2; box-shadow:4px 4px 4px  
4px #54E4C2 }
```

Background

The CSS property to change the background color of an element to Hex 54E4C2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#54E4C2 }
```

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

```
.background{ background-color:#54E4C2 }
```

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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