

Converting Colors

Hex(52E4A4)

Have a look what the booklet for
Hex(52E4A4) contains.

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Color

Hex(52E4A4)

Conversions

Conversions Part 1

Format	Color
Hex	52E4A4
RGB	82, 228, 164
RGB Percent	32%, 89%, 64%
CMY	0.6784, 0.1059, 0.3569
CMYK	0.64, 0.00, 0.28, 0.11
HSL	154°, 73%, 61%
HSV	154°, 64%, 89%
XYZ	37.9239, 59.9610, 44.6968
YIQ	177.0500, -66.4720, -50.8560

Conversions

Conversions Part 2

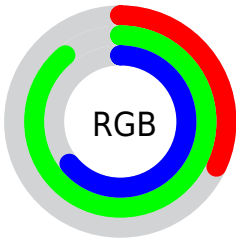
Format	Color
RYB	82, 175, 228
Decimal	5432484
CIELab	81.82, -53.53, 20.01
CIElCh	82, 57.146, 159.503
Yxy	59.9610, 0.2660, 0.4205
Android (android.graphics.Color)	4283622564 (0xFF52E4A4)
YUV	177.0500, -6.4336, -83.3588
Hunter-Lab	77.4345, -48.0891, 19.9807

Details

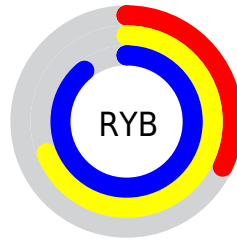
The Hex color **52E4A4** is a light color, and the websafe version is hex **33CC99**. The color can be described as light muted spring green. A complement of this color would be **E45292**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **91FFDB**, and **00AB70** is the 20% darker color. If you saturate the color by 10%, you get **3BE49A**, and if you desaturate by 10%, it is **69E4AE**.

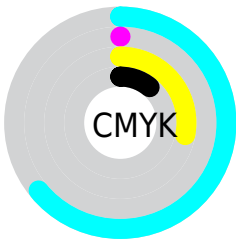
Distribution



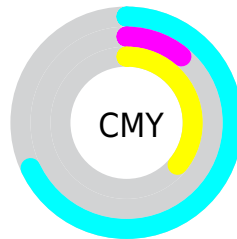
- Red (32%)
- Green (89%)
- Blue (64%)



- Red (32%)
- Yellow (69%)
- Blue (89%)



- Cyan (64%)
- Magenta (0%)
- Yellow (28%)
- Black (11%)



- Cyan (68%)
- Magenta (11%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 52E4A4 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 52E4A4 by changing the saturation by 10% instead.

 52E4A4

 52E4A4

FFFFFF

 2CC78A

 91FFDB

 00AB70

 AFFFF8

 009057

 CEFFFF

 007640

 ECFFFF

 005C29

 004314

 002D00

 000C00

 000000

 52E4A4

 52E4A4

 3BE49A

 69E4AE

 24E490

 80E4B8

 0EE486

 96E4C2

 00E480

 ADE4CC

 C4E4D6

 DBE4E0

 F2E4EA

 FFE4F4

 FFE4FE

Harmonies

Analogous

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



A1DC76



52E4A4



00E7DB

Triad

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



52E4A4



90CBFF



FFA88A

Complementary

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



52E4A4



E45292

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.



FF9EBC



52E4A4



E6B7FF

Square

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



52E4A4



00DBFF



FFA4F2



FFB666

Rectangle

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



52E4A4



00E6FF



FFA4F2



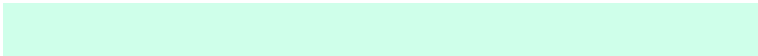
FFA49A

Sweetspot

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



52E4A4



CFFFEA



94E452



628073



000000



808080

Same Dimension

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



52E4A4



3BFFA9



52DDE4



67736E



00B364



00331D

Inverse Universe

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



E45292



FF3B91



E45952



73676C



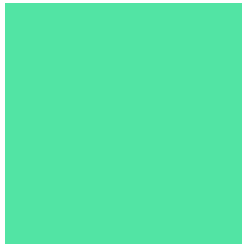
B3004E



330016

Previews

White Background



This preview shows how the Hex color 52E4A4 looks on a white background.

Color Contrast Check

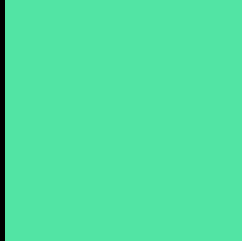
Large Text (above 18pt) WCAG AA × Fail

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 52E4A4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

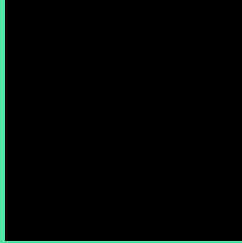
Any Text WCAG AA ✓ Pass

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 52E4A4 Background



This preview shows how black text looks on a background with the Hex color 52E4A4.

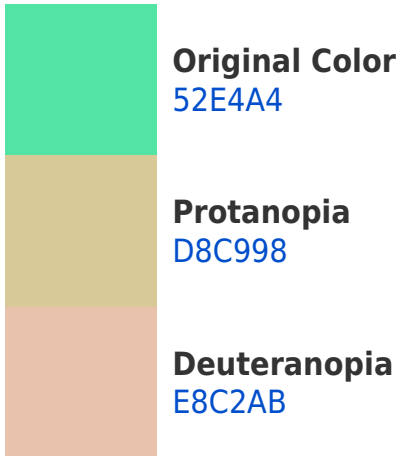


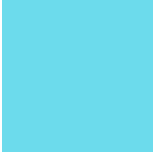
This preview shows how white text looks on a background with the Hex color 52E4A4.

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
6CDBEC

Trichromacy



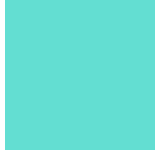
Original Color
52E4A4



Protanomaly
A7D39C



Deuteranomaly
B1CEA8



Tritanomaly
63DED2

Monochromacy



Original Color
52E4A4



Achromatopsia
B1B1B1



Achromatomaly
8EC4AC

CSS Examples

Text

The CSS property to change the color of the text to Hex 52E4A4 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 #52E4A4 looks like.

```
.text, #text, p{  
    color:#52E4A4  
}
```

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 #52E4A4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #52E4A4
}
```

Border

The CSS property to change the border of an element to Hex 52E4A4 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
#52E4A4 }
```

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

```
.border{ border-color:#52E4A4 }
```

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

Here you see how a box with a 4 pixel #52E4A4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #52E4A4; -webkit-box-shadow:4px 4px  
4px 4px #52E4A4; box-shadow:4px 4px 4px  
4px #52E4A4 }
```

Background

The CSS property to change the background color of an element to Hex 52E4A4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#52E4A4 }
```

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

```
.background{ background-color:#52E4A4 }
```

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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