

# Converting Colors

Hex(52E5A4)

Have a look what the booklet for  
Hex(52E5A4) contains.

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# Color

Hex(52E5A4)

# Conversions

## Conversions Part 1

Format	Color
Hex	52E5A4
RGB	82, 229, 164
RGB Percent	32%, 90%, 64%
CMY	0.6784, 0.1020, 0.3569
CMYK	0.64, 0.00, 0.28, 0.10
HSL	153°, 74%, 61%
HSV	153°, 64%, 90%
XYZ	38.1998, 60.5128, 44.7888
YIQ	177.6370, -66.7470, -51.3790

# Conversions

## Conversions Part 2

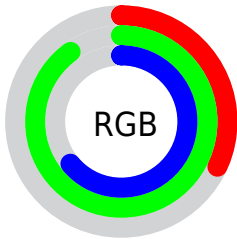
Format	Color
<a href="#">RYB</a>	<a href="#">82, 176, 229</a>
Decimal	<a href="#">5432740</a>
CIELab	<a href="#">82.12, -53.93, 20.42</a>
CIELCh	<a href="#">82, 57.665, 159.257</a>
Yxy	<a href="#">60.5128, 0.2662, 0.4217</a>
Android (android.graphics.Color)	<a href="#">4283622820 (0xFF52E5A4)</a>
YUV	<a href="#">177.6370, -6.7230, -83.8736</a>
Hunter-Lab	<a href="#">77.7900, -48.4776, 20.3159</a>

# Details

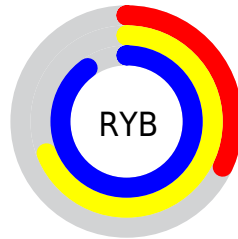
The Hex color **52E5A4** is a light color, and the websafe version is hex **33CC99**. The color can be described as light muted spring green. A complement of this color would be **E55293**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **91FFDB**, and **00AC70** is the 20% darker color. If you saturate the color by 10%, you get **3BE59A**, and if you desaturate by 10%, it is **69E5AE**.

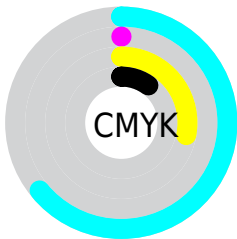
# Distribution



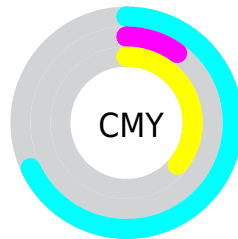
- Red (32%)
- Green (90%)
- Blue (64%)



- Red (32%)
- Yellow (69%)
- Blue (90%)



- Cyan (64%)
- Magenta (0%)
- Yellow (28%)
- Black (10%)



- Cyan (68%)
- Magenta (10%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 52E5A4 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 52E5A4 by changing the saturation by 10% instead.



 52E5A4

 52E5A4

FFFFFF

 2CC88A

 91FFDB

 00AC70

 AFFFF8

 009157

 CEFFFF


 007640

 ECFFFF

 005D29

 004413

 002D00

 000E00

 000000

 52E5A4

 52E5A4

 3BE59A

 69E5AE

 24E590

 80E5B8

 0DE586

 97E5C2

 00E580

 AEE5CD

 C5E5D7

 DBE5E1

 F2E5EB

 FFE5F5

 FFE5FF

# Harmonies

## Analogous

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



A2DD75



52E5A4



00E8DC

# Triad

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



52E5A4



8FCCFF



FFA98A

# Complementary

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



52E5A4



E55293

# 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.



FF9EBD



52E5A4



E7B7FF

# Square

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



52E5A4



00DCFF



FFA5F4



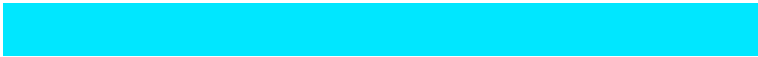
FFBC66

# Rectangle

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



52E5A4



00E7FF



FFA5F4



FFA49A

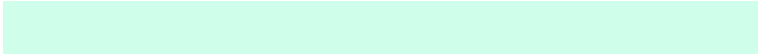


# Sweetspot

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



52E5A4



CFFFEA



94E552



628073



000000



808080



# Same Dimension

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



52E5A4



3BFFA8



52DEE5



67736E



00B364



00331C



# Inverse Universe

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



E55293



FF3B91



E55952



73676C



B3004F

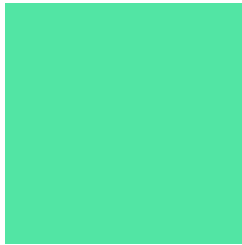


330017



# Previews

## White Background



This preview shows how the Hex color 52E5A4 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 52E5A4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

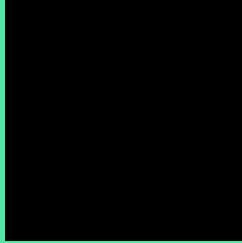
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 52E5A4 Background



This preview shows how black text looks on a background with the Hex color 52E5A4.

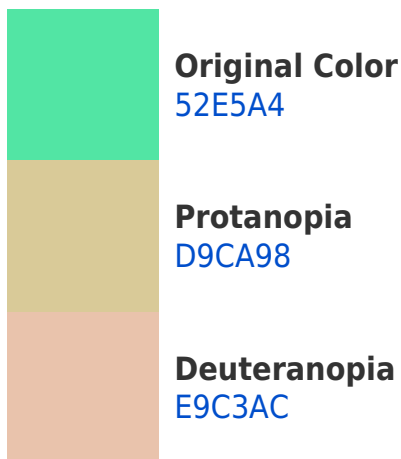


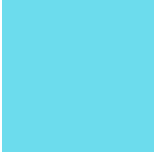
This preview shows how white text looks on a background with the Hex color 52E5A4.

# 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](#).

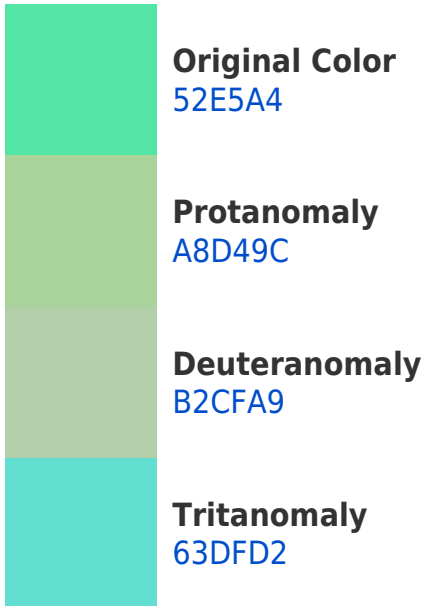
## Dichromacy



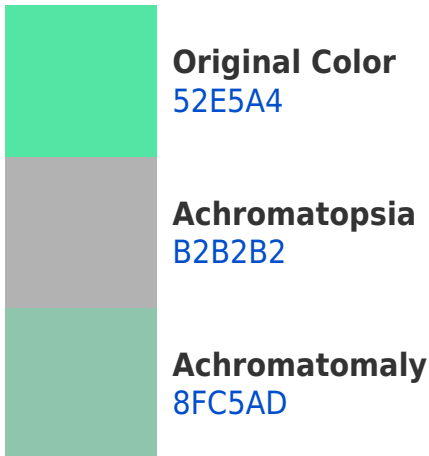


**Tritanopia**  
6CDCEd

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 52E5A4 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 #52E5A4 looks like.

```
.text, #text, p{  
    color:#52E5A4  
}
```

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 #52E5A4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #52E5A4
}
```

## Border

The CSS property to change the border of an element to Hex 52E5A4 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
#52E5A4 }
```

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

```
.border{ border-color:#52E5A4 }
```

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

Here you see how a box with a 4 pixel #52E5A4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #52E5A4; -webkit-box-shadow:4px 4px  
4px 4px #52E5A4; box-shadow:4px 4px 4px  
4px #52E5A4 }
```

# Background

The CSS property to change the background color of an element to Hex 52E5A4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#52E5A4 }
```

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

```
.background{ background-color:#52E5A4 }
```

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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