

Converting Colors

Hex(54E7B5)

Have a look what the booklet for
Hex(54E7B5) contains.

Hex(54E7B5)	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(54E7B5)

Conversions

Conversions Part 1

Format	Color
Hex	54E7B5
RGB	84, 231, 181
RGB Percent	33%, 91%, 71%
CMY	0.6706, 0.0941, 0.2902
CMYK	0.64, 0.00, 0.22, 0.09
HSL	160°, 75%, 62%
HSV	160°, 64%, 91%
XYZ	40.5726, 62.3728, 53.6168
YIQ	181.3470, -71.5620, -46.7140

Conversions

Conversions Part 2

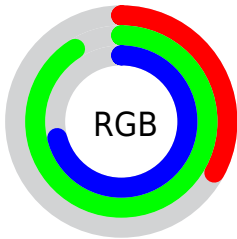
Format	Color
RYB	84, 173, 231
Decimal	5564341
CIELab	83.11, -50.73, 12.95
CIElCh	83, 52.356, 165.683
Yxy	62.3728, 0.2591, 0.3984
Android (android.graphics.Color)	4283754421 (0xFF54E7B5)
YUV	181.3470, -0.1711, -85.3733
Hunter-Lab	78.9765, -46.5081, 15.0318

Details

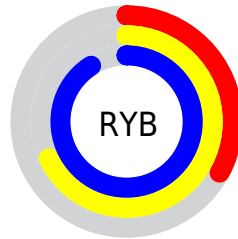
The Hex color **54E7B5** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light muted spring green. A complement of this color would be **E75486**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **93FFED**, and **00AE80** is the 20% darker color. If you saturate the color by 10%, you get **3DE7AD**, and if you desaturate by 10%, it is **6BE7BD**.

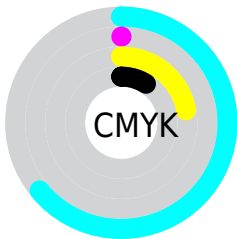
Distribution



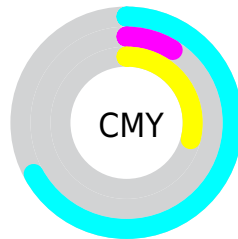
- Red (33%)
- Green (91%)
- Blue (71%)



- Red (33%)
- Yellow (68%)
- Blue (91%)



- Cyan (64%)
- Magenta (0%)
- Yellow (22%)
- Black (9%)



- Cyan (67%)
- Magenta (9%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 54E7B5 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 54E7B5 by changing the saturation by 10% instead.

 54E7B5

 54E7B5

FFFFFF

 2ECA9A

 93FFED

 00AE80

 B2FFFF

 009367

 D0FFFF

 00794F

 EFFFFFF

 005F38

 004622

 002F0D

 001300

 000000

 54E7B5

 54E7B5

 3DE7AD

 6BE7BD

 26E7A5

 82E7C5

 0FE79D

 99E7CD

 00E798

 B0E7D4

 C8E7DC

 DFE7E4

 F6E7EC

 FFE7F4

 FFE7FC

Harmonies

Analogous

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



9DE088



54E7B5



00E9E8

Triad

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



54E7B5



AECBFF



FFB38B

Complementary

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



54E7B5



E75486

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.



FFA8B7



54E7B5



F4B8FF

Square

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



54E7B5



42DBFF



FFAAE9



FFC46F

Rectangle

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



54E7B5



00E7FF



FFAAE9



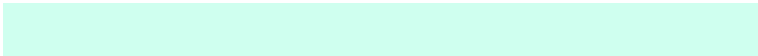
FFAE98

Sweetspot

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



54E7B5



CFFFEF



87E754



628076



000000



808080

Same Dimension

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



54E7B5



3DFFBD



54D1E7



67736F



00B376



003322

Inverse Universe

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



E75486



FF3D7F



E76A54



73676B



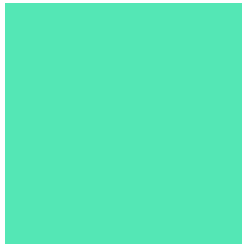
B3003D



330011

Previews

White Background



This preview shows how the Hex color 54E7B5 looks on a white background.

Color Contrast Check

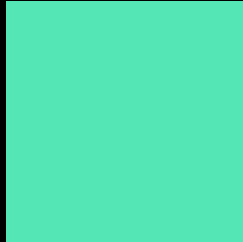
Large Text (above 18pt) WCAG AA × Fail

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 54E7B5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

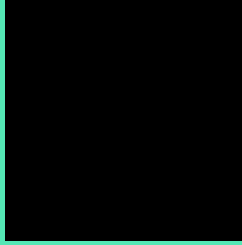
Any Text WCAG AA ✓ Pass

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 54E7B5 Background



This preview shows how black text looks on a background with the Hex color 54E7B5.

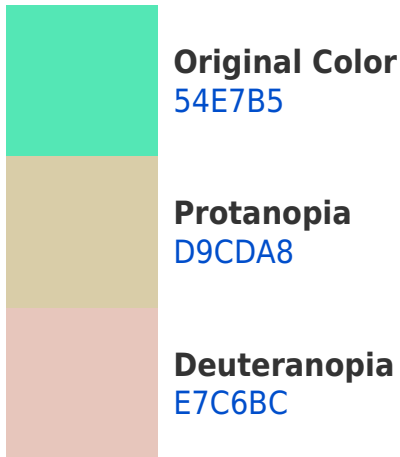


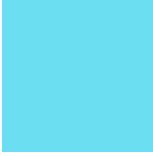
This preview shows how white text looks on a background with the Hex color 54E7B5.

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
6BDFF1

Trichromacy



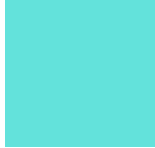
Original Color
54E7B5



Protanomaly
A9D6AD



Deuteranomaly
B2D2B9

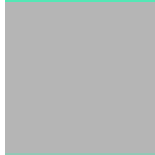


Tritanomaly
63E2DB

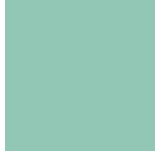
Monochromacy



Original Color
54E7B5



Achromatopsia
B5B5B5



Achromatomaly
92C7B5

CSS Examples

Text

The CSS property to change the color of the text to Hex 54E7B5 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 #54E7B5 looks like.

```
.text, #text, p{  
    color:#54E7B5  
}
```

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 #54E7B5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #54E7B5
}
```

Border

The CSS property to change the border of an element to Hex 54E7B5 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
#54E7B5 }
```

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

```
.border{ border-color:#54E7B5 }
```

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

Here you see how a box with a 4 pixel #54E7B5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #54E7B5; -webkit-box-shadow:4px 4px  
4px 4px #54E7B5; box-shadow:4px 4px 4px  
4px #54E7B5 }
```

Background

The CSS property to change the background color of an element to Hex 54E7B5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#54E7B5 }
```

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

```
.background{ background-color:#54E7B5 }
```

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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