

Converting Colors

Hex(52E8E6)

Have a look what the booklet for
Hex(52E8E6) contains.

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Color

Hex(52E8E6)

Conversions

Conversions Part 1

Format	Color
Hex	52E8E6
RGB	82, 232, 230
RGB Percent	32%, 91%, 90%
CMY	0.6784, 0.0902, 0.0980
CMYK	0.65, 0.00, 0.01, 0.09
HSL	179°, 77%, 62%
HSV	179°, 65%, 91%
XYZ	46.6192, 65.2202, 84.9946
YIQ	186.9220, -88.7580, -32.4220

Conversions

Conversions Part 2

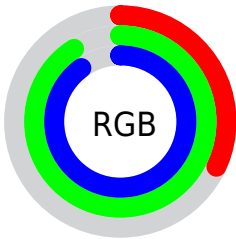
Format	Color
RYB	82, 158, 232
Decimal	5433574
CIELab	84.60, -39.29, -10.71
CIELCh	85, 40.724, 195.244
Yxy	65.2202, 0.2368, 0.3313
Android (android.graphics.Color)	4283623654 (0xFF52E8E6)
YUV	186.9220, 21.2375, -92.0166
Hunter-Lab	80.7590, -38.2869, -5.8682

Details

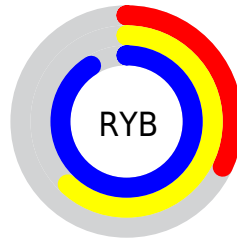
The Hex color **52E8E6** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light muted cyan. A complement of this color would be **E85254**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **94FFFF**, and **00B0AF** is the 20% darker color. If you saturate the color by 10%, you get **3BE8E6**, and if you desaturate by 10%, it is **69E8E6**.

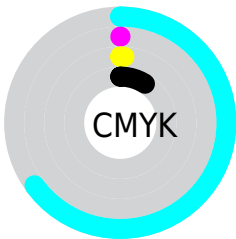
Distribution



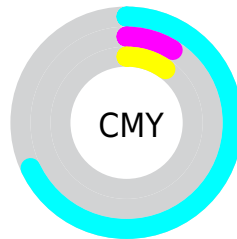
- Red (32%)
- Green (91%)
- Blue (90%)



- Red (32%)
- Yellow (62%)
- Blue (91%)



- Cyan (65%)
- Magenta (0%)
- Yellow (1%)
- Black (9%)



- Cyan (68%)
- Magenta (9%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color 52E8E6 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 52E8E6 by changing the saturation by 10% instead.

 52E8E6

 52E8E6

FFFFFF

 26CCCA

 94FFFF

 00B0AF

 B3FFFF

 009594

 D2FFFF

 007A7A

 F2FFFF

 006161

 00484A

 003133

 001A1E

 000003

 52E8E6

 52E8E6

 3BE8E6

 69E8E6

 24E8E5

 80E8E7

 0CE8E5

 98E8E7

 00E8E5

 AFE8E7

 C6E8E8

 DDE8E8

 F4E8E8

 FFE8E8

 FFE8E9

Harmonies

Analogous

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



7FE7BE



52E8E6



4BE5FF

Triad

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



52E8E6



F0C2FF



FECA89

Complementary

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



52E8E6



E85254

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.



FFBE9E



52E8E6



FFB8E8

Square

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



52E8E6



BCD0FF



FFB6C1



D9D788

Rectangle

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



52E8E6



6BE0FF



FFB6C1



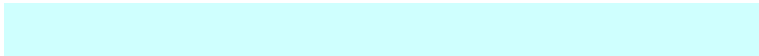
FFC68E

Sweetspot

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



52E8E6



CFFFFE



55E852



62807F



000000



808080

Same Dimension

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



52E8E6



38FFFC



52A0E8



677373



00B3B0



003332

Inverse Universe

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



E85254



FF383B



E89B52



736767



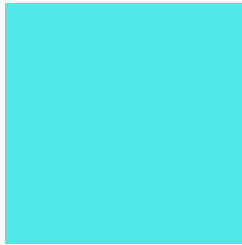
B30002



330001

Previews

White Background



This preview shows how the Hex color 52E8E6 looks on a white background.

Color Contrast Check

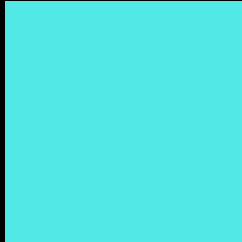
Large Text (above 18pt) WCAG AA × Fail

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 52E8E6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

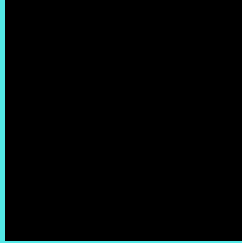
Any Text WCAG AA ✓ Pass

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 52E8E6 Background



This preview shows how black text looks on a background with the Hex color 52E8E6.

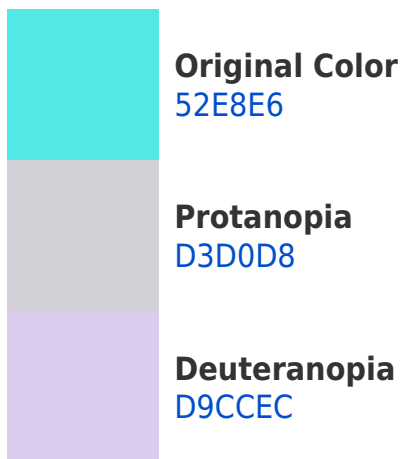


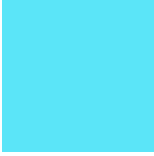
This preview shows how white text looks on a background with the Hex color 52E8E6.

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
5BE5F8

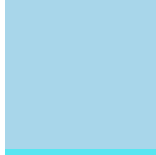
Trichromacy



Original Color
52E8E6



Protanomaly
A4D9DD



Deuteranomaly
A8D6EA

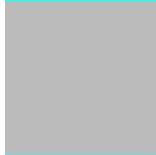


Tritanomaly
58E6F1

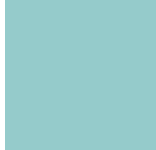
Monochromacy



Original Color
52E8E6



Achromatopsia
BBBBBB



Achromatomaly
95CBCB

CSS Examples

Text

The CSS property to change the color of the text to Hex 52E8E6 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 #52E8E6 looks like.

```
.text, #text, p{  
    color:#52E8E6  
}
```

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 #52E8E6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #52E8E6  
}
```

Border

The CSS property to change the border of an element to Hex 52E8E6 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  
#52E8E6 }
```

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

```
.border{ border-color:#52E8E6 }
```

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

Here you see how a box with a 4 pixel #52E8E6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #52E8E6; -webkit-box-shadow:4px 4px  
4px 4px #52E8E6; box-shadow:4px 4px 4px  
4px #52E8E6 }
```

Background

The CSS property to change the background color of an element to Hex 52E8E6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#52E8E6 }
```

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

```
.background{ background-color:#52E8E6 }
```

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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