

Converting Colors

Hex(56E3A4)

Have a look what the booklet for
Hex(56E3A4) contains.

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Color

Hex(56E3A4)

Conversions

Conversions Part 1

Format	Color
Hex	56E3A4
RGB	86, 227, 164
RGB Percent	34%, 89%, 64%
CMY	0.6627, 0.1098, 0.3569
CMYK	0.62, 0.00, 0.28, 0.11
HSL	153°, 72%, 61%
HSV	153°, 62%, 89%
XYZ	38.0077, 59.5969, 44.6221
YIQ	177.6590, -63.8130, -49.4850

Conversions

Conversions Part 2

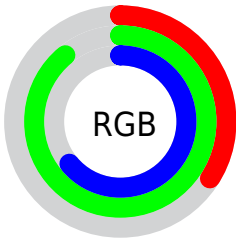
Format	Color
RYB	86, 177, 227
Decimal	5694372
CIELab	81.62, -52.40, 19.75
CIElCh	82, 56.001, 159.348
Yxy	59.5969, 0.2672, 0.4190
Android (android.graphics.Color)	4283884452 (0xFF56E3A4)
YUV	177.6590, -6.7339, -80.3849
Hunter-Lab	77.1991, -47.2168, 19.7689

Details

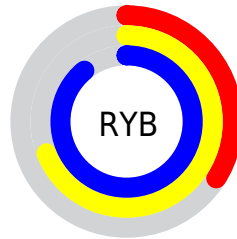
The Hex color **56E3A4** is a light color, and the websafe version is hex **33CC99**. The color can be described as light muted spring green. A complement of this color would be **E35695**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **94FFDB**, and **00AB70** is the 20% darker color. If you saturate the color by 10%, you get **3FE39A**, and if you desaturate by 10%, it is **6DE3AE**.

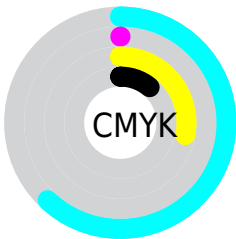
Distribution



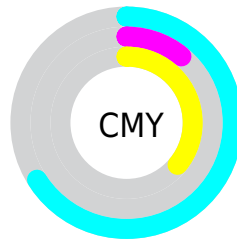
- Red (34%)
- Green (89%)
- Blue (64%)



- Red (34%)
- Yellow (69%)
- Blue (89%)



- Cyan (62%)
- Magenta (0%)
- Yellow (28%)
- Black (11%)



- Cyan (66%)
- Magenta (11%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 56E3A4 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 56E3A4 by changing the saturation by 10% instead.

 56E3A4

 56E3A4

FFFFFF

 32C68A

 94FFDB

 00AB70

 B2FFF8

 008F57

 D0FFFF

 007540

 EEEFFF

 005B29

 004214

 002C00

 000B00

 000000

 56E3A4

 56E3A4

 3FE39A

 6DE3AE

 29E390

 83E3B8

 12E386

 9AE3C2

 00E37E

 B1E3CD

 C8E3D7

 DEE3E1

 F5E3EB

 FFE3F5

 FFE3FF

Harmonies

Analogous

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



A2DB77



56E3A4



00E6DA

Triad

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



56E3A4



91CBFF



FFA98B

Complementary

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



56E3A4



E35695

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.



FF9FBC



56E3A4



E5B7FF

Square

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



56E3A4



00DAFF



FFA5F1



FFBB68

Rectangle

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



56E3A4



00E5FD



FFA5F1



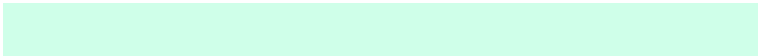
FFA49A

Sweetspot

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



56E3A4



CFFFE9



95E356



628072



000000



808080

Same Dimension

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



56E3A4



40FFAA



56DCE3



67736E



00B363



00331C

Inverse Universe

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



E35695



FF4095



E35D56



73676C



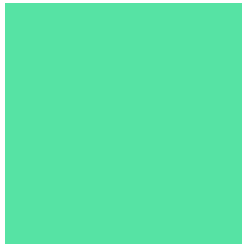
B30050



330017

Previews

White Background



This preview shows how the Hex color 56E3A4 looks on a white background.

Color Contrast Check

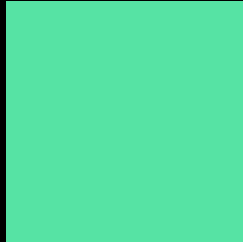
Large Text (above 18pt) WCAG AA × Fail

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 56E3A4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

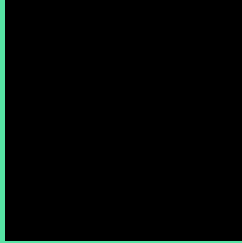
Any Text WCAG AA ✓ Pass

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 56E3A4 Background



This preview shows how black text looks on a background with the Hex color 56E3A4.

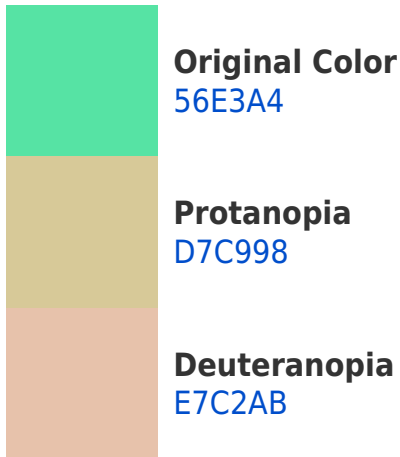


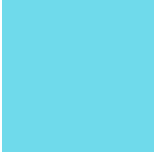
This preview shows how white text looks on a background with the Hex color 56E3A4.

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



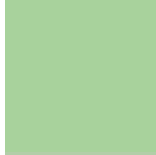


Tritanopia
6FDAEB

Trichromacy



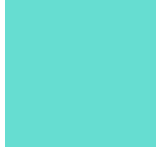
Original Color
56E3A4



Protanomaly
A8D29C



Deuteranomaly
B2CEA8

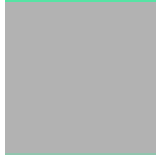


Tritanomaly
66DDD1

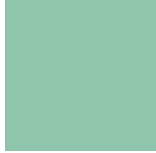
Monochromacy



Original Color
56E3A4



Achromatopsia
B2B2B2



Achromatomaly
91C4AD

CSS Examples

Text

The CSS property to change the color of the text to Hex 56E3A4 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 #56E3A4 looks like.

```
.text, #text, p{  
    color:#56E3A4  
}
```

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 #56E3A4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #56E3A4
}
```

Border

The CSS property to change the border of an element to Hex 56E3A4 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
#56E3A4 }
```

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

```
.border{ border-color:#56E3A4 }
```

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

Here you see how a box with a 4 pixel #56E3A4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #56E3A4; -webkit-box-shadow:4px 4px  
4px 4px #56E3A4; box-shadow:4px 4px 4px  
4px #56E3A4 }
```

Background

The CSS property to change the background color of an element to Hex 56E3A4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#56E3A4 }
```

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

```
.background{ background-color:#56E3A4 }
```

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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