

Converting Colors

Hex(56E083)

Have a look what the booklet for
Hex(56E083) contains.

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Color

Hex(56E083)

Conversions

Conversions Part 1

Format	Color
Hex	56E083
RGB	86, 224, 131
RGB Percent	34%, 88%, 51%
CMY	0.6627, 0.1216, 0.4863
CMYK	0.62, 0.00, 0.42, 0.12
HSL	140°, 69%, 61%
HSV	140°, 62%, 88%
XYZ	34.5901, 56.9284, 30.6379
YIQ	172.1360, -52.3950, -58.1790

Conversions

Conversions Part 2

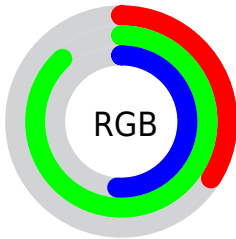
Format	Color
RYB	86, 190, 224
Decimal	5693571
CIELab	80.14, -57.42, 34.70
CIElCh	80, 67.087, 148.853
Yxy	56.9284, 0.2832, 0.4660
Android (android.graphics.Color)	4283883651 (0xFF56E083)
YUV	172.1360, -20.2800, -75.5413
Hunter-Lab	75.4509, -50.2066, 28.7401

Details

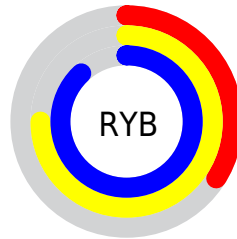
The Hex color **56E083** is a light color, and the websafe version is hex **33CC66**. The color can be described as light muted spring green. A complement of this color would be **E056B3**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **94FFB9**, and **00A850** is the 20% darker color. If you saturate the color by 10%, you get **40E074**, and if you desaturate by 10%, it is **6CE092**.

Distribution



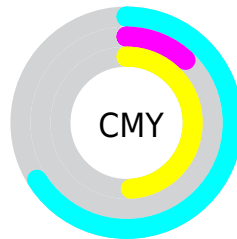
- Red (34%)
- Green (88%)
- Blue (51%)



- Red (34%)
- Yellow (75%)
- Blue (88%)



- Cyan (62%)
- Magenta (0%)
- Yellow (42%)
- Black (12%)



- Cyan (66%)
- Magenta (12%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 56E083 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 56E083 by changing the saturation by 10% instead.

 56E083

 56E083

FFFFFF

 32C369

 94FFB9

 00A850

 B2FFD5

 008C38

 D0FFF2

 00721F

 EEFFFF

 005804

 003F00

 002800

 000100

 000000

 56E083

 56E083

 40E074

 6CE092

 29E065

 83E0A1

 13E056

 99E0B0

 00E049

 B0E0BF

 C6E0CE

 DCE0DE

 F3E0ED

 FFE0FC

 FFE0FF

Harmonies

Analogous

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



ADD552



56E083



00E5C2

Triad

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



56E083



0FCEFF



FF958E

Complementary

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



56E083



E056B3

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.



FF8ECC



56E083



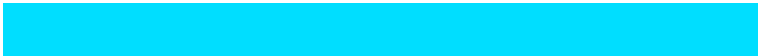
C4B7FF

Square

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



56E083



00DEFF



FF9EFF



FFAB5B

Rectangle

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



56E083



00E5ED



FF9EFF



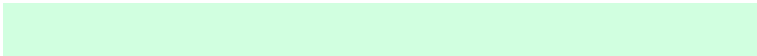
FF90A2

Sweetspot

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



56E083



D1FFE0



B4E056



63806D



000000



808080

Same Dimension

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



56E083



42FF80



56E0C7



657069



00B039



003010

Inverse Universe

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



E056B3



FF42C1



E0566F



70656D



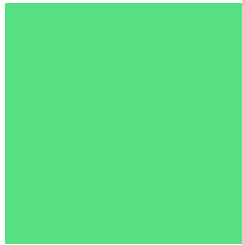
B00077



300021

Previews

White Background



This preview shows how the Hex color 56E083 looks on a white background.

Color Contrast Check

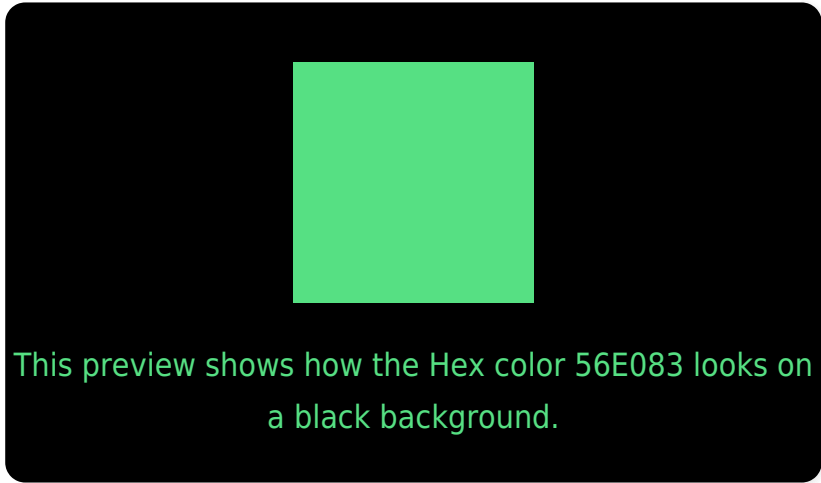
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

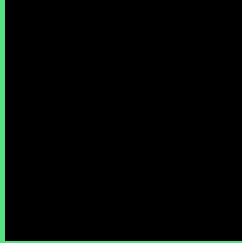
Any Text WCAG AA ✓ Pass

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 56E083 Background



This preview shows how black text looks on a background with the Hex color 56E083.

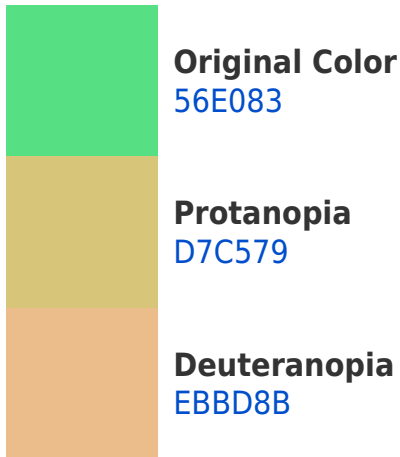


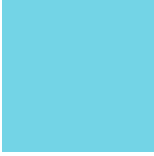
This preview shows how white text looks on a background with the Hex color 56E083.

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
73D4E6

Trichromacy



Original Color
56E083



Protanomaly
A8CF7D



Deuteranomaly
B5CA88



Tritanomaly
68D8C2

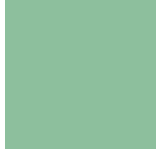
Monochromacy



Original Color
56E083



Achromatopsia
ACACAC



Achromatomaly
8DBF9D

CSS Examples

Text

The CSS property to change the color of the text to Hex 56E083 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 #56E083 looks like.

```
.text, #text, p{  
    color:#56E083  
}
```

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 #56E083 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #56E083
}
```

Border

The CSS property to change the border of an element to Hex 56E083 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
#56E083 }
```

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

```
.border{ border-color:#56E083 }
```

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

Here you see how a box with a 4 pixel #56E083 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #56E083; -webkit-box-shadow:4px 4px  
4px 4px #56E083; box-shadow:4px 4px 4px  
4px #56E083 }
```

Background

The CSS property to change the background color of an element to Hex 56E083 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#56E083 }
```

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

```
.background{ background-color:#56E083 }
```

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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