

Converting Colors

Hex(45E6AF)

Have a look what the booklet for
Hex(45E6AF) contains.

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Color

Hex(45E6AF)

Conversions

Conversions Part 1

Format	Color
Hex	45E6AF
RGB	69, 230, 175
RGB Percent	27%, 90%, 69%
CMY	0.7294, 0.0980, 0.3137
CMYK	0.70, 0.00, 0.24, 0.10
HSL	160°, 76%, 59%
HSV	160°, 70%, 90%
XYZ	38.4889, 60.9540, 50.2942
YIQ	175.5910, -78.3010, -51.2370

Conversions

Conversions Part 2

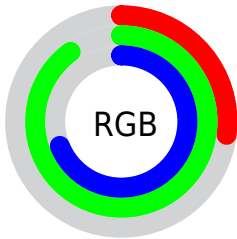
Format	Color
RYB	69, 166, 230
Decimal	4581039
CIELab	82.35, -54.02, 14.97
CIElCh	82, 56.061, 164.509
Yxy	60.9540, 0.2570, 0.4071
Android (android.graphics.Color)	4282771119 (0xFF45E6AF)
YUV	175.5910, -0.2914, -93.4803
Hunter-Lab	78.0730, -48.6298, 16.4569

Details

The Hex color **45E6AF** 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 **E6457C**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **88FFE7**, and **00AD7A** is the 20% darker color. If you saturate the color by 10%, you get **2EE6A7**, and if you desaturate by 10%, it is **5CE6B7**.

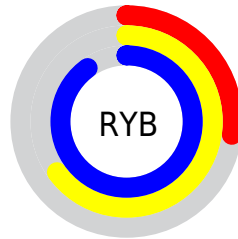
Distribution



Red (27%)

Green (90%)

Blue (69%)



Red (27%)

Yellow (65%)

Blue (90%)

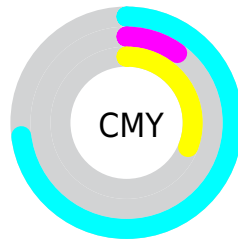


Cyan (70%)

Magenta (0%)

Yellow (24%)

Black (10%)



Cyan (73%)

Magenta (10%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 45E6AF 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 45E6AF by changing the saturation by 10% instead.

 45E6AF

FFFFFF

 88FFE7

 A7FFFF


 C6FFFF

 E5FFFF

 45E6AF

 0FC994

 00AD7A

 009261

 00774A

 005D33

 00441D

 002E06

 000F00

 000000

 45E6AF

 45E6AF

 2EE6A7

 5CE6B7

 17E69F

 73E6BF

 00E697

 8AE6C7

 A1E6CE

 B8E6D6

 CFE6DE

 E6E6E6

 FDE6EE

 FFE6F6

Harmonies

Analogous

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



99DF7F



45E6AF



00E8E6

Triad

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



45E6AF



A4CAFF



FFAD85

Complementary

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



45E6AF



E6457C

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.



FFA2B5



45E6AF



F2B5FF

Square

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



45E6AF



00DAFF



FFA5EA



FFC066

Rectangle

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



45E6AF



00E6FF



FFA5EA



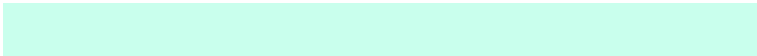
FFA894

Sweetspot

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



45E6AF



C9FFED



7DE645



608075



000000



808080

Same Dimension

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



45E6AF



29FFB6



45CEE6



67736F



00B376



003322

Inverse Universe

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



E6457C



FF2972



E65D45



73676B



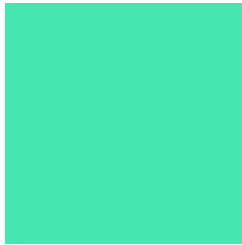
B3003D



330011

Previews

White Background



This preview shows how the Hex color 45E6AF looks on a white background.

Color Contrast Check

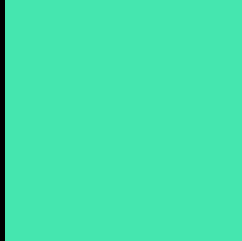
Large Text (above 18pt) WCAG AA × Fail

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 45E6AF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

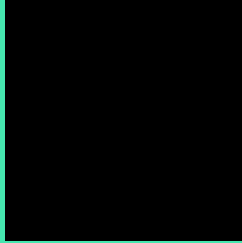
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

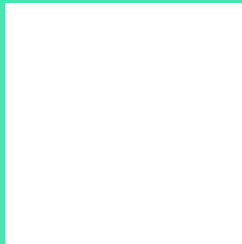
Any Text WCAG AAA ✓ Pass

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

Hex 45E6AF Background



This preview shows how black text looks on a background with the Hex color 45E6AF.

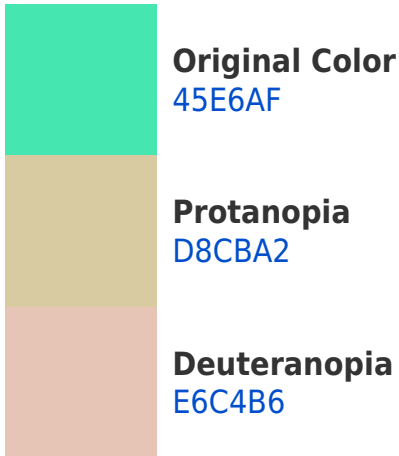


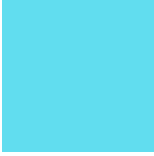
This preview shows how white text looks on a background with the Hex color 45E6AF.

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
61DDEF

Trichromacy



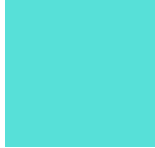
Original Color
45E6AF



Protanomaly
A3D5A7



Deuteranomaly
ABD0B3

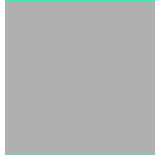


Tritanomaly
57E0D8

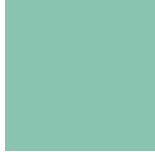
Monochromacy



Original Color
45E6AF



Achromatopsia
B0B0B0



Achromatomaly
89C4B0

CSS Examples

Text

The CSS property to change the color of the text to Hex 45E6AF 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 #45E6AF looks like.

```
.text, #text, p{  
    color:#45E6AF  
}
```

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 #45E6AF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #45E6AF
}
```

Border

The CSS property to change the border of an element to Hex 45E6AF 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
#45E6AF }
```

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

```
.border{ border-color:#45E6AF }
```

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

Here you see how a box with a 4 pixel #45E6AF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #45E6AF; -webkit-box-shadow:4px 4px  
4px 4px #45E6AF; box-shadow:4px 4px 4px  
4px #45E6AF }
```

Background

The CSS property to change the background color of an element to Hex 45E6AF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#45E6AF }
```

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

```
.background{ background-color:#45E6AF }
```

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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