

Converting Colors

Hex(57FDE6)

Have a look what the booklet for
Hex(57FDE6) contains.

Hex(57FDE6)	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(57FDE6)

Conversions

Conversions Part 1

Format	Color
Hex	57FDE6
RGB	87, 253, 230
RGB Percent	34%, 99%, 90%
CMY	0.6588, 0.0078, 0.0980
CMYK	0.66, 0.00, 0.09, 0.01
HSL	172°, 98%, 67%
HSV	172°, 66%, 99%
XYZ	53.3387, 77.9900, 87.1052
YIQ	200.7440, -91.5530, -42.3450

Conversions

Conversions Part 2

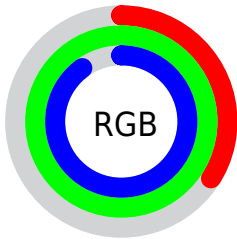
Format	Color
RYB	87, 176, 253
Decimal	5766630
CIELab	90.78, -47.82, -1.57
CIELCh	91, 47.846, 181.877
Yxy	77.9900, 0.2442, 0.3570
Android (android.graphics.Color)	4283956710 (0xFF57FDE6)
YUV	200.7440, 14.4232, -99.7535
Hunter-Lab	88.3119, -46.7353, 3.3385

Details

The Hex color **57FDE6** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light muted cyan. A complement of this color would be **FD576E**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **9AFFFF**, and **00C4AF** is the 20% darker color. If you saturate the color by 10%, you get **3EFDE2**, and if you desaturate by 10%, it is **70FDEA**.

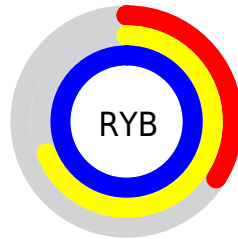
Distribution



Red (34%)

Green (99%)

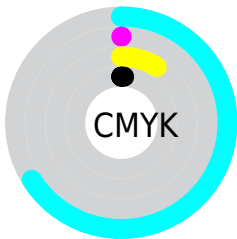
Blue (90%)



Red (34%)

Yellow (69%)

Blue (99%)

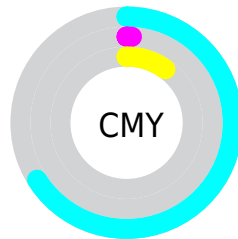


Cyan (66%)

Magenta (0%)

Yellow (9%)

Black (1%)



Cyan (66%)

Magenta (1%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color 57FDE6 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 57FDE6 by changing the saturation by 10% instead.

 57FDE6

 57FDE6

FFFFFF

 2BE0CA

 9AFFFF

 00C4AF

 BAFFFF

 00A894

 D9FFFF

 008D7A

 F8FFFF

 007262

 00594A

 004033

 002B1E

 000606

 57FDE6

 57FDE6

 3EFDE2

 70FDEA

 24FDDF

 8AFDED

 0BFDDB

 A3FDF1

 00FDDA

 BCFDF4

 D6FDF8

 EFFDFB

 FFFDFF

Harmonies

Analogous

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



98F9B8



57FDE6



00FCFF

Triad

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



57FDE6



EDD8FF



FFD395

Complementary

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



57FDE6



FD576E

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.



FFC5B6



57FDE6



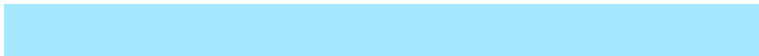
FFC8FF

Square

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



57FDE6



A6E8FF



FFC1E3



FFE388

Rectangle

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



57FDE6



30F8FF



FFC1E3



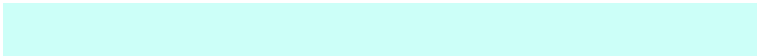
FFCE9E

Sweetspot

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



57FDE6



CCFFF8



70FD57



61807B



000000



808080

Same Dimension

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



57FDE6



36FFE3



57C3FD



73807E



00BFA5



004037

Inverse Universe

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



FD576E



FF3651



FD9157



807375



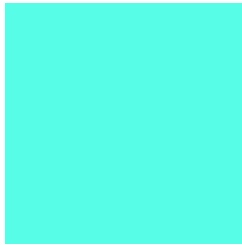
BF001A



400009

Previews

White Background



This preview shows how the Hex color 57FDE6 looks on a white background.

Color Contrast Check

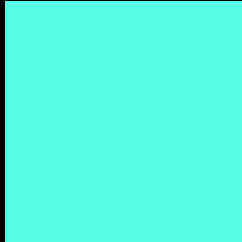
Large Text (above 18pt) WCAG AA × Fail

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 57FDE6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

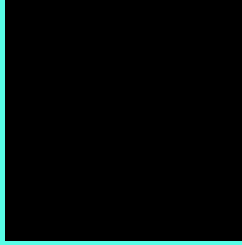
Any Text WCAG AA ✓ Pass

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 57FDE6 Background



This preview shows how black text looks on a background with the Hex color 57FDE6.

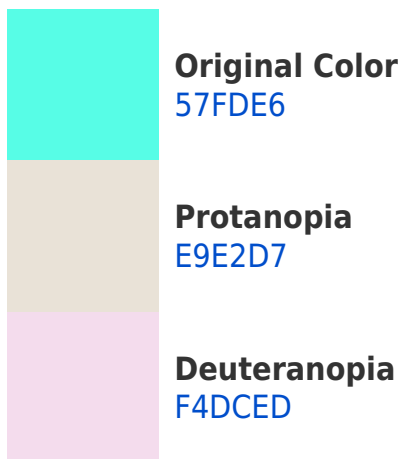


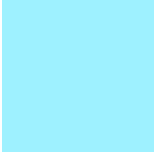
This preview shows how white text looks on a background with the Hex color 57FDE6.

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
9EF1FF

Trichromacy



Original Color
57FDE6



Protanomaly
B4ECDC



Deuteranomaly
BBE8EA

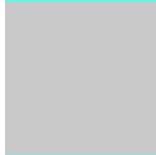


Tritanomaly
84F5F6

Monochromacy



Original Color
57FDE6



Achromatopsia
C9C9C9



Achromatomaly
A0DCD4

CSS Examples

Text

The CSS property to change the color of the text to Hex 57FDE6 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 #57FDE6 looks like.

```
.text, #text, p{  
    color:#57FDE6  
}
```

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 #57FDE6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #57FDE6
}
```

Border

The CSS property to change the border of an element to Hex 57FDE6 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
#57FDE6 }
```

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

```
.border{ border-color:#57FDE6 }
```

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

Here you see how a box with a 4 pixel #57FDE6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #57FDE6; -webkit-box-shadow:4px 4px  
4px 4px #57FDE6; box-shadow:4px 4px 4px  
4px #57FDE6 }
```

Background

The CSS property to change the background color of an element to Hex 57FDE6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#57FDE6 }
```

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

```
.background{ background-color:#57FDE6 }
```

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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