

Converting Colors

Hex(6DF5E3)

Have a look what the booklet for
Hex(6DF5E3) contains.

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Color

Hex(6DF5E3)

Conversions

Conversions Part 1

Format	Color
Hex	6DF5E3
RGB	109, 245, 227
RGB Percent	43%, 96%, 89%
CMY	0.5725, 0.0392, 0.1098
CMYK	0.56, 0.00, 0.07, 0.04
HSL	172°, 87%, 69%
HSV	172°, 56%, 96%
XYZ	52.8242, 74.1021, 84.1920
YIQ	202.2840, -75.2780, -34.4300

Conversions

Conversions Part 2

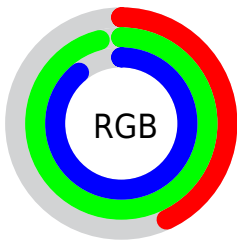
Format	Color
R _{YB}	109, 182, 245
Decimal	7206371
CIE Lab	88.97, -41.37, -2.59
CIE LCh	89, 41.453, 183.576
Yxy	74.1021, 0.2502, 0.3510
Android (android.graphics.Color)	4285396451 (0xFF6DF5E3)
YUV	202.2840, 12.1850, -81.8101
Hunter-Lab	86.0826, -41.1087, 2.2699

Details

The Hex color **6DF5E3** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **F56D7F**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **ABFFFF**, and **22BCAC** is the 20% darker color. If you saturate the color by 10%, you get **54F5E0**, and if you desaturate by 10%, it is **85F5E6**.

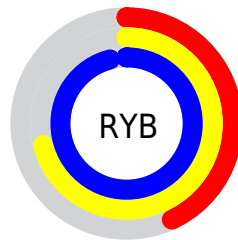
Distribution



Red (43%)

Green (96%)

Blue (89%)



Red (43%)

Yellow (71%)

Blue (96%)

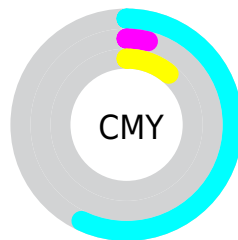


Cyan (56%)

Magenta (0%)

Yellow (7%)

Black (4%)



Cyan (57%)

Magenta (4%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6DF5E3 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 6DF5E3 by changing the saturation by 10% instead.

 6DF5E3

 6DF5E3

FFFFFF

 4CD8C7

 ABFFFF

 22BCAC

 C9FFFF

 00A191

 E7FFFF

 008678

 006C5F

 005347

 003B31

 00261C

 000002

 6DF5E3

 6DF5E3

 54F5E0

 85F5E6

 3CF5DD

 9EF5E9

 23F5D9

 B6F5ED

 0BF5D6

 CFF5F0

 00F5D5

 E7F5F3

 FFF5F6

 FFF5FA

 FFF5FD

 FFF5FF

Harmonies

Analogous

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



9DF2BB



6DF5E3



52F3FF

Triad

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



6DF5E3



EBD4FF



FFD19A

Complementary

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



6DF5E3



F56D7F

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



6DF5E3



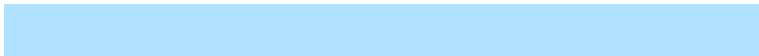
FFC7FF

Square

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



6DF5E3



B0E2FF



FFC1DC



F6DF90

Rectangle

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



6DF5E3



62F0FF



FFC1DC



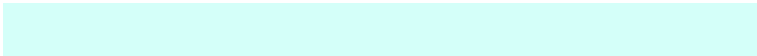
FFCDA1

Sweetspot

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



6DF5E3



D4FFF9



7FF56D



66807C



000000



808080

Same Dimension

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



6DF5E3



54FFE8



6DC3F5



6E7A79



00BAA2



003B33

Inverse Universe

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



F56D7F



FF546B



F59F6D



7A6E70



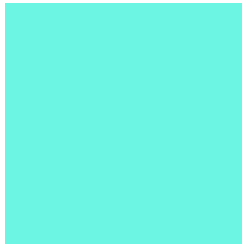
BA0019



3B0008

Previews

White Background



This preview shows how the Hex color 6DF5E3 looks on a white background.

Color Contrast Check

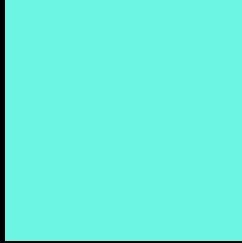
Large Text (above 18pt) WCAG AA × Fail

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 6DF5E3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

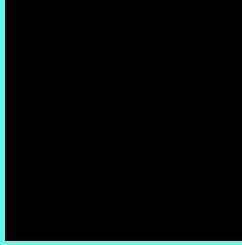
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

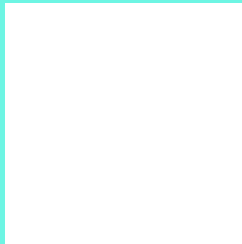
Any Text WCAG AAA ✓ Pass

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

Hex 6DF5E3 Background



This preview shows how black text looks on a background with the Hex color 6DF5E3.

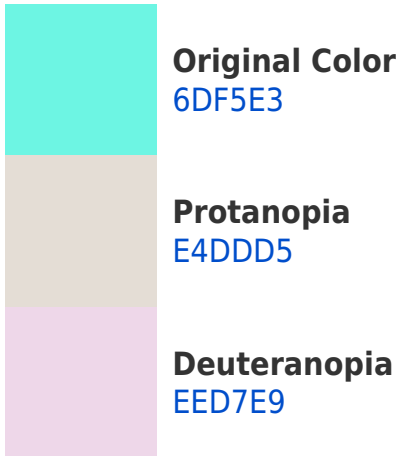


This preview shows how white text looks on a background with the Hex color 6DF5E3.

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
8BEEFF

Trichromacy



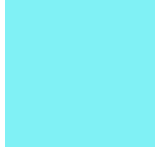
Original Color
6DF5E3



Protanomaly
B9E6DA



Deuteranomaly
BFE2E7

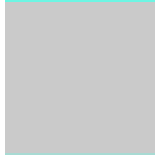


Tritanomaly
80F1F5

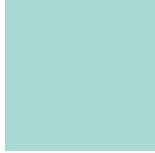
Monochromacy



Original Color
6DF5E3



Achromatopsia
CACACA



Achromatomaly
A8DAD3

CSS Examples

Text

The CSS property to change the color of the text to Hex 6DF5E3 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 #6DF5E3 looks like.

```
.text, #text, p{  
    color:#6DF5E3  
}
```

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 #6DF5E3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6DF5E3
}
```

Border

The CSS property to change the border of an element to Hex 6DF5E3 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
#6DF5E3 }
```

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

```
.border{ border-color:#6DF5E3 }
```

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

Here you see how a box with a 4 pixel #6DF5E3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6DF5E3; -webkit-box-shadow:4px 4px  
4px 4px #6DF5E3; box-shadow:4px 4px 4px  
4px #6DF5E3 }
```

Background

The CSS property to change the background color of an element to Hex 6DF5E3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6DF5E3 }
```

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

```
.background{ background-color:#6DF5E3 }
```

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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