

Converting Colors

Hex(55D7F1)

Have a look what the booklet for
Hex(55D7F1) contains.

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Color

Hex(55D7F1)

Conversions

Conversions Part 1

Format	Color
Hex	55D7F1
RGB	85, 215, 241
RGB Percent	33%, 84%, 95%
CMY	0.6667, 0.1569, 0.0549
CMYK	0.65, 0.11, 0.00, 0.05
HSL	190°, 85%, 64%
HSV	190°, 65%, 95%
XYZ	43.9239, 56.8830, 91.8836
YIQ	179.0940, -85.8260, -19.4740

Conversions

Conversions Part 2

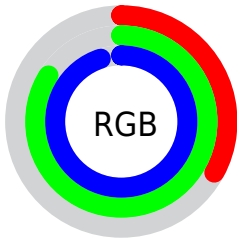
Format	Color
R_{YB}	85, 156, 241
Decimal	5625841
CIE _{Lab}	80.11, -27.72, -23.28
CIE _{LCh}	80, 36.199, 220.032
Yxy	56.8830, 0.2280, 0.2952
Android (android.graphics.Color)	4283815921 (0xFF55D7F1)
YUV	179.0940, 30.5197, -82.5204
Hunter-Lab	75.4208, -28.0309, -19.4371

Details

The Hex color **55D7F1** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light muted cyan. A complement of this color would be **F16F55**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **96FFFF**, and **00A0B9** is the 20% darker color. If you saturate the color by 10%, you get **3DD3F1**, and if you desaturate by 10%, it is **6DDBF1**.

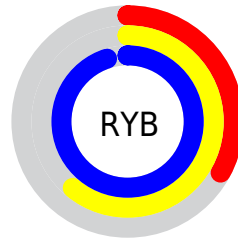
Distribution



Red (33%)

Green (84%)

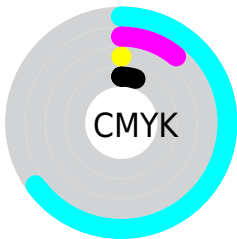
Blue (95%)



Red (33%)

Yellow (61%)

Blue (95%)

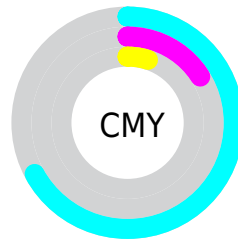


Cyan (65%)

Magenta (11%)

Yellow (0%)

Black (5%)



Cyan (67%)

Magenta (16%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 55D7F1 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 55D7F1 by changing the saturation by 10% instead.

 55D7F1

 55D7F1

FFFFFF

 2CBBD5

 96FFFF

 00A0B9

 B5FFFF

 00859E

 D4FFFF

 006C84

 F2FFFF

 00536A

 003C52

 00263B

 000326

 00010F

■ 55D7F1

■ 55D7F1

■ 3DD3F1

■ 6DDBF1

■ 25CFF1

■ 85DFF1

■ 0DCBF1

■ 9DE3F1

■ 00C9F1

■ B5E7F1

■ CDEBF1

■ E6EFF1

■ FEF3F1

■ FFF7F1

■ FFFBF1

Harmonies

Analogous

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



60D9D1



55D7F1



77D0FF

Triad

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



55D7F1



FBB0DF



D3C884

Complementary

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



55D7F1



F16F55

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.



F2BD88



55D7F1



FFADBC

Square

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



55D7F1



DABAFB



FFB29D



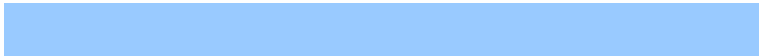
ADD292

Rectangle

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



55D7F1



99CAFF



FFB29D



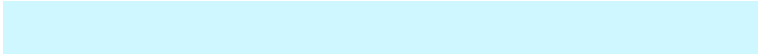
DEC583

Sweetspot

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



55D7F1



CFF7FF



55F16F



627B80



000000



808080

Same Dimension

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



55D7F1



38DEFF



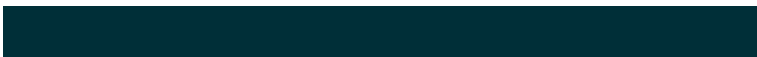
5589F1



6C7678



0099B8



002F38

Inverse Universe

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



F155D7



FF38DE



F1BD55



786C76



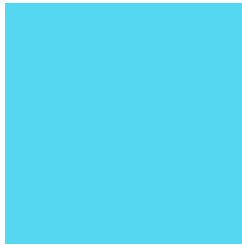
B80099



38002F

Previews

White Background



This preview shows how the Hex color 55D7F1 looks on a white background.

Color Contrast Check

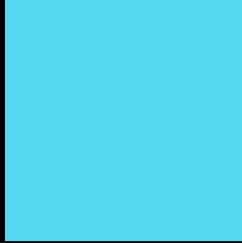
Large Text (above 18pt) WCAG AA × Fail

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 55D7F1 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 55D7F1 Background



This preview shows how black text looks on a background with the Hex color 55D7F1.

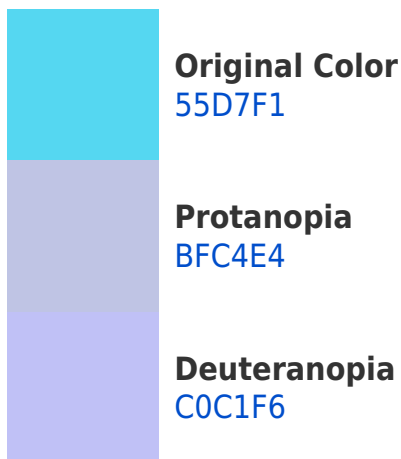


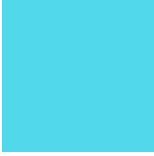
This preview shows how white text looks on a background with the Hex color 55D7F1.

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](#).

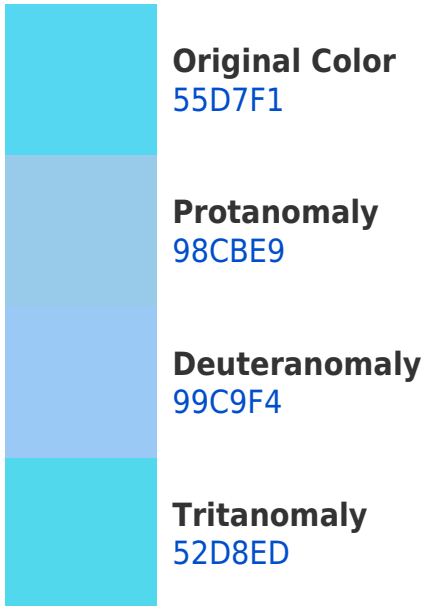
Dichromacy



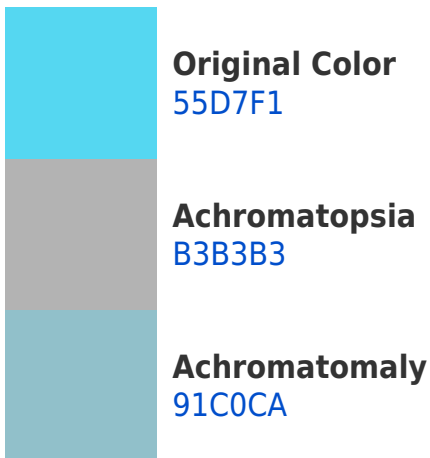


Tritanopia
51D8EA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 55D7F1 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 #55D7F1 looks like.

```
.text, #text, p{  
    color:#55D7F1  
}
```

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 #55D7F1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #55D7F1
}
```

Border

The CSS property to change the border of an element to Hex 55D7F1 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
#55D7F1 }
```

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

```
.border{ border-color:#55D7F1 }
```

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

Here you see how a box with a 4 pixel #55D7F1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #55D7F1; -webkit-box-shadow:4px 4px  
4px 4px #55D7F1; box-shadow:4px 4px 4px  
4px #55D7F1 }
```

Background

The CSS property to change the background color of an element to Hex 55D7F1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#55D7F1 }
```

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

```
.background{ background-color:#55D7F1 }
```

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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