

Converting Colors

Hex(53D0F2)

Have a look what the booklet for
Hex(53D0F2) contains.

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Color

Hex(53D0F2)

Conversions

Conversions Part 1

Format	Color
Hex	53D0F2
RGB	83, 208, 242
RGB Percent	33%, 82%, 95%
CMY	0.6745, 0.1843, 0.0510
CMYK	0.66, 0.14, 0.00, 0.05
HSL	193°, 86%, 64%
HSV	193°, 66%, 95%
XYZ	42.1502, 53.3616, 92.0827
YIQ	174.5010, -85.4140, -15.9260

Conversions

Conversions Part 2

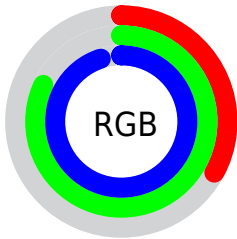
Format	Color
R_{YB}	83, 153, 242
Decimal	5492978
CIE _{Lab}	78.09, -24.26, -26.91
CIE _{LCh}	78, 36.234, 227.968
Yxy	53.3616, 0.2247, 0.2845
Android (android.graphics.Color)	4283683058 (0xFF53D0F2)
YUV	174.5010, 33.2770, -80.2464
Hunter-Lab	73.0490, -24.8390, -23.6043

Details

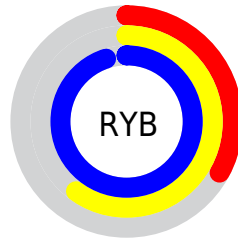
The Hex color **53D0F2** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light muted cyan. A complement of this color would be **F27553**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **94FFFF**, and **0099BA** is the 20% darker color. If you saturate the color by 10%, you get **3BCBF2**, and if you desaturate by 10%, it is **6BD5F2**.

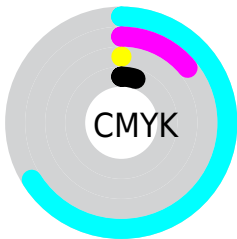
Distribution



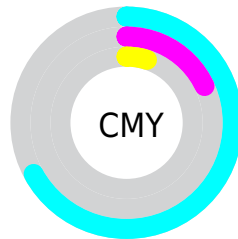
- Red (33%)
- Green (82%)
- Blue (95%)



- Red (33%)
- Yellow (60%)
- Blue (95%)



- Cyan (66%)
- Magenta (14%)
- Yellow (0%)
- Black (5%)



- Cyan (67%)
- Magenta (18%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 53D0F2 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 53D0F2 by changing the saturation by 10% instead.

 53D0F2

 53D0F2

FFFFFF

 2AB4D6

 94FFFF

 0099BA

 B3FFFF

 007F9F

 D2FFFF

 006685

 F0FFFF

 004E6B

 003753

 00223B

 000226

 00010F

■ 53D0F2

■ 53D0F2

■ 3BCBF2

■ 6BD5F2

■ 23C6F2

■ 83DAF2

■ 0AC0F2

■ 9CE0F2

■ 00BEF2

■ B4E5F2

■ CCEAF2

■ E4EFF2

■ FCF4F2

■ FFF9F2

■ FFFFF2

Harmonies

Analogous

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



52D3D5



53D0F2



7EC8FF

Triad

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



53D0F2



FBA9D0



C4C580

Complementary

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



53D0F2



F27553

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.



E4BA80



53D0F2



FFA8AE

Square

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



53D0F2



DEB1EE



FBAF91



9DCE93

Rectangle

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



53D0F2



A1C1FF



FBAF91



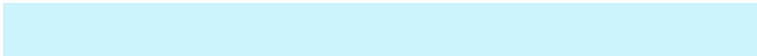
CFC27E

Sweetspot

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



53D0F2



CCF4FF



53F273



617980



000000



808080

Same Dimension

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



53D0F2



36D4FF



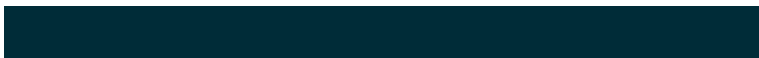
5383F2



6C7578



0090B8



002C38

Inverse Universe

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



F253D0



FF36D4



F2C253



786C75



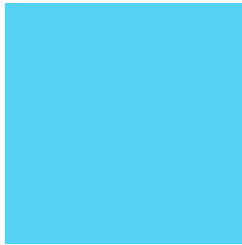
B80090



38002C

Previews

White Background



This preview shows how the Hex color 53D0F2 looks on a white background.

Color Contrast Check

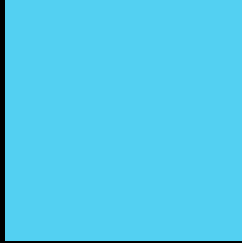
Large Text (above 18pt) WCAG AA × Fail

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 53D0F2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

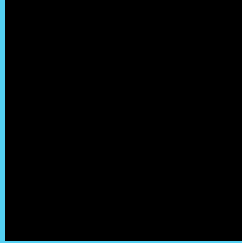
Any Text WCAG AA ✓ Pass

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 53D0F2 Background



This preview shows how black text looks on a background with the Hex color 53D0F2.

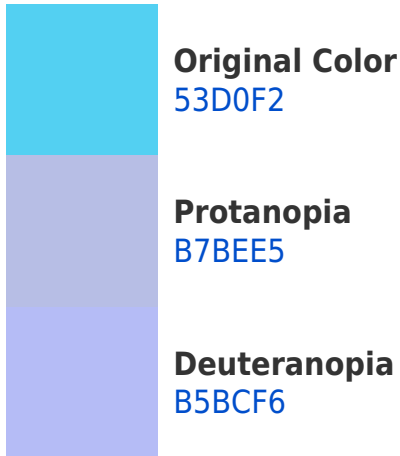


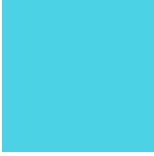
This preview shows how white text looks on a background with the Hex color 53D0F2.

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](#).

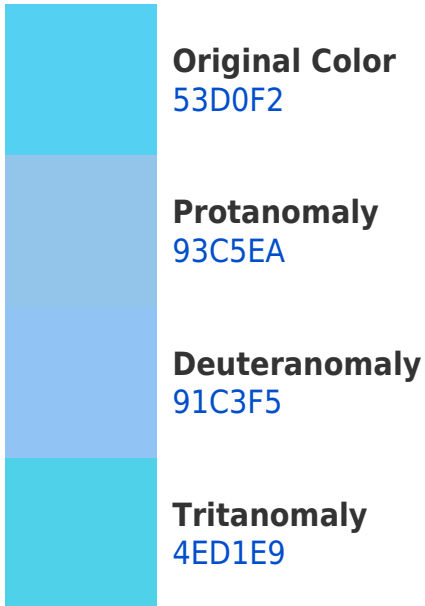
Dichromacy



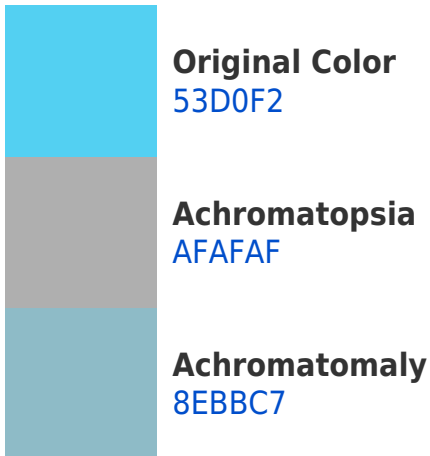


Tritanopia
4BD2E4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 53D0F2 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 #53D0F2 looks like.

```
.text, #text, p{  
    color:#53D0F2  
}
```

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 #53D0F2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #53D0F2
}
```

Border

The CSS property to change the border of an element to Hex 53D0F2 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
#53D0F2 }
```

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

```
.border{ border-color:#53D0F2 }
```

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

Here you see how a box with a 4 pixel #53D0F2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #53D0F2; -webkit-box-shadow:4px 4px  
4px 4px #53D0F2; box-shadow:4px 4px 4px  
4px #53D0F2 }
```

Background

The CSS property to change the background color of an element to Hex 53D0F2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#53D0F2 }
```

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

```
.background{ background-color:#53D0F2 }
```

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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