

Converting Colors

Hex(75DAF0)

Have a look what the booklet for
Hex(75DAF0) contains.

Hex(75DAF0)	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(75DAF0)

Conversions

Conversions Part 1

Format	Color
Hex	75DAF0
RGB	117, 218, 240
RGB Percent	46%, 85%, 94%
CMY	0.5412, 0.1451, 0.0588
CMYK	0.51, 0.09, 0.00, 0.06
HSL	191°, 80%, 70%
HSV	191°, 51%, 94%
XYZ	48.1357, 60.2160, 91.5239
YIQ	190.3090, -67.2580, -14.5700

Conversions

Conversions Part 2

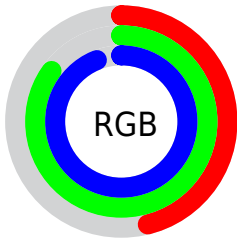
Format	Color
RYB	117, 172, 240
Decimal	7723760
CIELab	81.96, -23.67, -19.86
CIELCh	82, 30.903, 219.995
Yxy	60.2160, 0.2408, 0.3013
Android (android.graphics.Color)	4285913840 (0xFF75DAF0)
YUV	190.3090, 24.4977, -64.2920
Hunter-Lab	77.5990, -25.0722, -15.6102

Details

The Hex color **75DAF0** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **F08B75**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **B0FFFF**, and **35A3B8** is the 20% darker color. If you saturate the color by 10%, you get **5DD6F0**, and if you desaturate by 10%, it is **8DDEF0**.

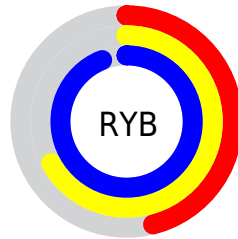
Distribution



Red (46%)

Green (85%)

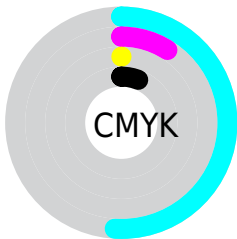
Blue (94%)



Red (46%)

Yellow (67%)

Blue (94%)

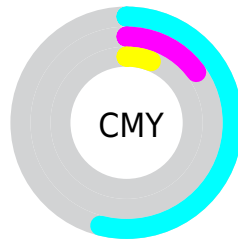


Cyan (51%)

Magenta (9%)

Yellow (0%)

Black (6%)



Cyan (54%)

Magenta (15%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color 75DAF0 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 75DAF0 by changing the saturation by 10% instead.

 75DAF0

FFFFFF

 B0FFFF

 CEFFFF


 ECFFFF

 75DAF0

 56BED4

 35A3B8

 00889D

 006F83

 00566A

 003F51

 00283A

 000F25

 00010E

 75DAF0

 75DAF0

 5DD6F0

 8DDEF0

 45D1F0

 A5E3F0

 2DCDF0

 BDE7F0

 15C9F0

 D5EBF0

 00C5F0

 EDEFF0

 FFF4F0

 FFF8F0

 FFFCF0

 FFFFF0

Harmonies

Analogous

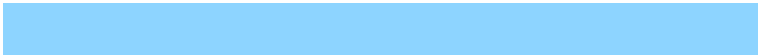
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



7BDCD5



75DAF0



8DD4FF

Triad

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



75DAF0



F9B9E0



D7CD93

Complementary

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



75DAF0



F08B75

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.



F2C396



75DAF0



FFB7C3

Square

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



75DAF0



DCC1F8



FFBBA8



B7D59F

Rectangle

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



75DAF0



A7CEFF



FFBBA8



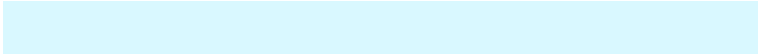
E1CA92

Sweetspot

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



75DAF0



D9F8FF



75F089



697B80



000000



808080

Same Dimension

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



75DAF0



61E3FF



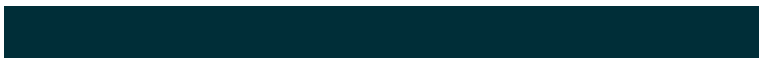
759EF0



6C7678



0097B8



002E38

Inverse Universe

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



F075DA



FF61E3



F0C775



786C76



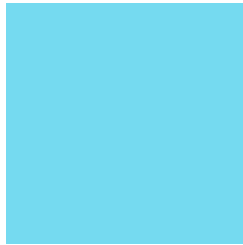
B80097



38002E

Previews

White Background



This preview shows how the Hex color 75DAF0 looks on a white background.

Color Contrast Check

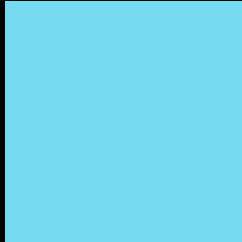
Large Text (above 18pt) WCAG AA × Fail

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 75DAF0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

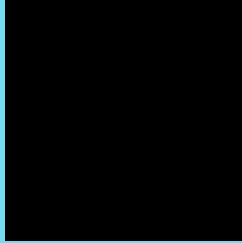
Any Text WCAG AA ✓ Pass

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 75DAF0 Background



This preview shows how black text looks on a background with the Hex color 75DAF0.

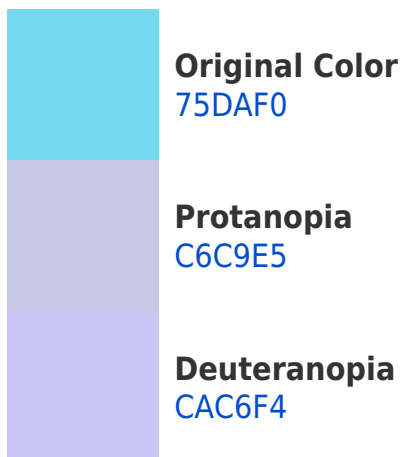


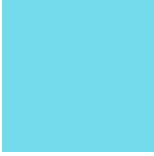
This preview shows how white text looks on a background with the Hex color 75DAF0.

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



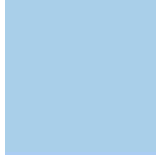


Tritanopia
74DBEC

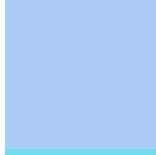
Trichromacy



Original Color
75DAF0



Protanomaly
A9CFE9



Deuteranomaly
ABCDF3

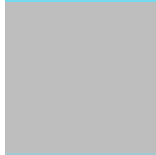


Tritanomaly
74DBED

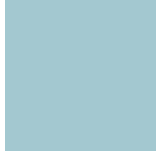
Monochromacy



Original Color
75DAF0



Achromatopsia
BEBEBE



Achromatomaly
A3C8D0

CSS Examples

Text

The CSS property to change the color of the text to Hex 75DAF0 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 #75DAF0 looks like.

```
.text, #text, p{  
    color:#75DAF0  
}
```

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 #75DAF0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75DAF0
}
```

Border

The CSS property to change the border of an element to Hex 75DAF0 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
#75DAF0 }
```

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

```
.border{ border-color:#75DAF0 }
```

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

Here you see how a box with a 4 pixel #75DAF0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75DAF0; -webkit-box-shadow:4px 4px  
4px 4px #75DAF0; box-shadow:4px 4px 4px  
4px #75DAF0 }
```

Background

The CSS property to change the background color of an element to Hex 75DAF0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75DAF0 }
```

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

```
.background{ background-color:#75DAF0 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor