

Converting Colors

Hex(78D5F2)

Have a look what the booklet for
Hex(78D5F2) contains.

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Color

Hex(78D5F2)

Conversions

Conversions Part 1

Format	Color
Hex	78D5F2
RGB	120, 213, 242
RGB Percent	47%, 84%, 95%
CMY	0.5294, 0.1647, 0.0510
CMYK	0.50, 0.12, 0.00, 0.05
HSL	194°, 82%, 71%
HSV	194°, 50%, 95%
XYZ	47.5670, 57.9924, 92.6910
YIQ	188.4990, -64.7370, -10.6970

Conversions

Conversions Part 2

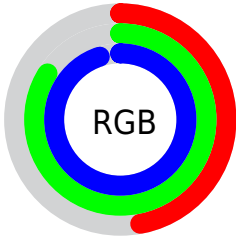
Format	Color
RYB	120, 173, 242
Decimal	7919090
CIELab	80.73, -19.99, -22.77
CIElCh	81, 30.295, 228.717
Yxy	57.9924, 0.2399, 0.2925
Android (android.graphics.Color)	4286109170 (0xFF78D5F2)
YUV	188.4990, 26.3760, -60.0736
Hunter-Lab	76.1527, -21.7715, -18.8593

Details

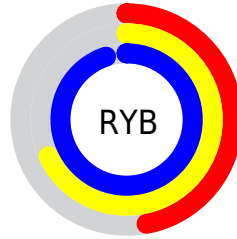
The Hex color **78D5F2** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **F29578**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **B3FFFF**, and **399EBA** is the 20% darker color. If you saturate the color by 10%, you get **60CFF2**, and if you desaturate by 10%, it is **90DBF2**.

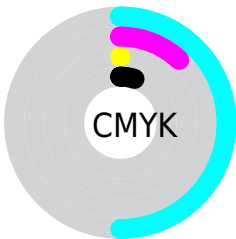
Distribution



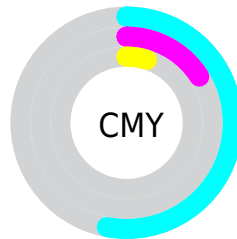
- Red (47%)
- Green (84%)
- Blue (95%)



- Red (47%)
- Yellow (68%)
- Blue (95%)



- Cyan (50%)
- Magenta (12%)
- Yellow (0%)
- Black (5%)



- Cyan (53%)
- Magenta (16%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 78D5F2 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 78D5F2 by changing the saturation by 10% instead.

 78D5F2

 78D5F2


FFFFFF

 5AB9D6

 B3FFFF

 399EBA

 D0FFFF

 07849F

 EEEFFF

 006B85

 00526B

 003B53

 00253C

 000826

 000110

 78D5F2

 78D5F2

 60CFF2

 90DBF2

 48C9F2

 A8E1F2

 2FC4F2

 C1E6F2

 17BEF2

 D9ECF2

 00B8F2

 F1F2F2

 FFF8F2

 FFFDF2

 FFFFF2

Harmonies

Analogous

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



75D8DA



78D5F2



96CEFF

Triad

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



78D5F2



FAB5D4



CBCC92

Complementary

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



78D5F2



F29578

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.



E7C391



78D5F2



FFB4B8

Square

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



78D5F2



E2BBEE



FBBA9F



AAD3A2

Rectangle

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



78D5F2



B1C8FF



FBBA9F



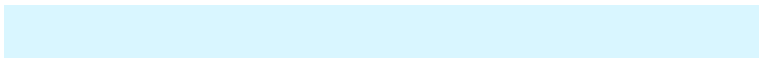
D5C990

Sweetspot

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



78D5F2



D9F6FF



78F294



697A80



000000



808080

Same Dimension

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



78D5F2



66DBFF



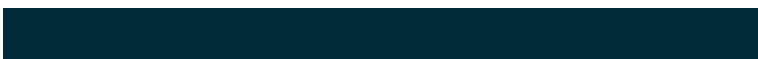
7899F2



6C7578



008CB8



002B38

Inverse Universe

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



F278D5



FF66DB



F2D178



786C75



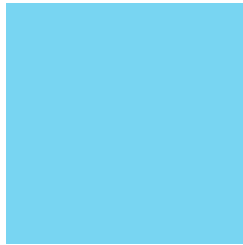
B8008C



38002B

Previews

White Background



This preview shows how the Hex color 78D5F2 looks on a white background.

Color Contrast Check

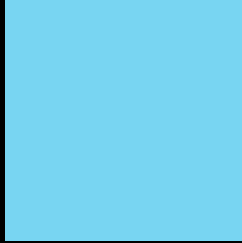
Large Text (above 18pt) WCAG AA × Fail

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 78D5F2 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 78D5F2 Background



This preview shows how black text looks on a background with the Hex color 78D5F2.

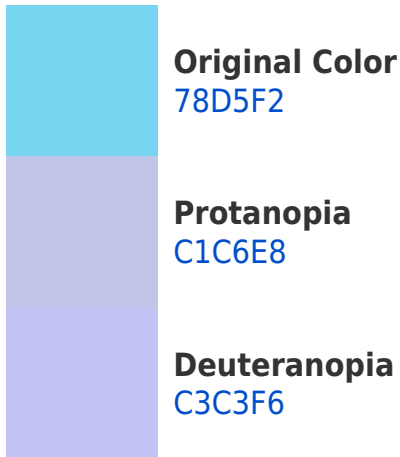


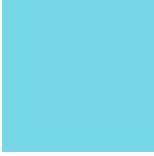
This preview shows how white text looks on a background with the Hex color 78D5F2.

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](#).

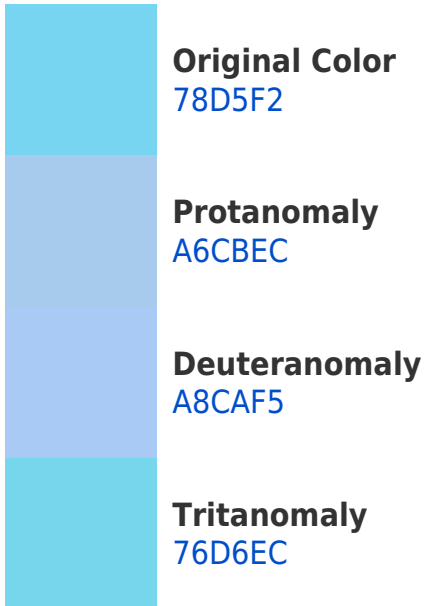
Dichromacy



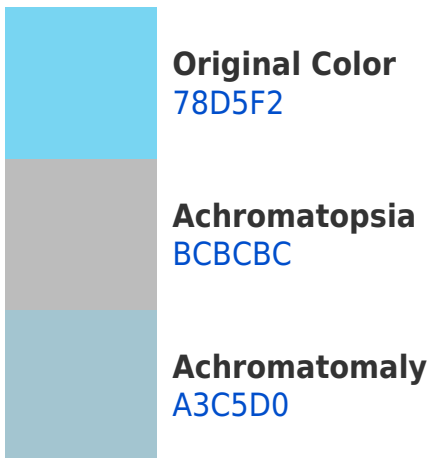


Tritanopia
75D7E8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 78D5F2 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 #78D5F2 looks like.

```
.text, #text, p{  
    color:#78D5F2  
}
```

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 #78D5F2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78D5F2
}
```

Border

The CSS property to change the border of an element to Hex 78D5F2 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
#78D5F2 }
```

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

```
.border{ border-color:#78D5F2 }
```

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

Here you see how a box with a 4 pixel #78D5F2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78D5F2; -webkit-box-shadow:4px 4px  
4px 4px #78D5F2; box-shadow:4px 4px 4px  
4px #78D5F2 }
```

Background

The CSS property to change the background color of an element to Hex 78D5F2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78D5F2 }
```

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

```
.background{ background-color:#78D5F2 }
```

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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