

Converting Colors

Hex(7D53F8)

Have a look what the booklet for
Hex(7D53F8) contains.

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Color

Hex(7D53F8)

Conversions

Conversions Part 1

Format	Color
Hex	7D53F8
RGB	125, 83, 248
RGB Percent	49%, 33%, 97%
CMY	0.5098, 0.6745, 0.0275
CMYK	0.50, 0.67, 0.00, 0.03
HSL	255°, 92%, 65%
HSV	255°, 67%, 97%
XYZ	28.4940, 17.3238, 90.6490
YIQ	114.3680, -27.9330, 60.2190

Conversions

Conversions Part 2

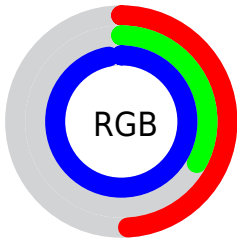
Format	Color
R _Y B	125, 83, 248
Decimal	8213496
CIE Lab	48.67, 55.91, -76.65
CIE LCh	49, 94.877, 306.105
Yxy	17.3238, 0.2088, 0.1269
Android (android.graphics.Color)	4286403576 (0xFF7D53F8)
YUV	114.3680, 65.8806, 9.3243
Hunter-Lab	41.6219, 49.3613, -99.9934

Details

The Hex color **7D53F8** is a light color, and the websafe version is hex **9966FF**. The color can be described as light muted purple. A complement of this color would be **CEF853**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **BA87FF**, and **3B20BE** is the 20% darker color. If you saturate the color by 10%, you get **6B3AF8**, and if you desaturate by 10%, it is **8F6CF8**.

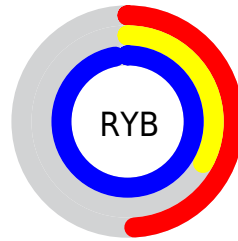
Distribution



Red (49%)

Green (33%)

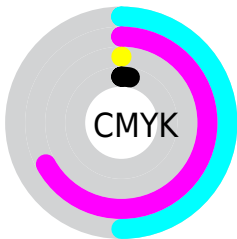
Blue (97%)



Red (49%)

Yellow (33%)

Blue (97%)

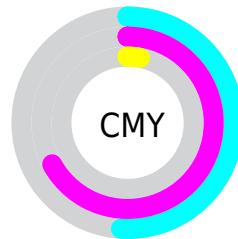


Cyan (50%)

Magenta (67%)

Yellow (0%)

Black (3%)



Cyan (51%)

Magenta (67%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7D53F8 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 7D53F8 by changing the saturation by 10% instead.

 7D53F8

 7D53F8

FFFFFF

 5E3ADB

 BA87FF

 3B20BE

 D8A2FF

 0002A2

 F7BEFF

 000087

 FFDAFF

 00006D

 FFF7FF

 000653

 00063B

 000225

 00010D

 7D53F8

 7D53F8

 6B3AF8

 8F6CF8

 5821F8

 A285F8

 4609F8

 B49DF8

 3F00F8

 C7B6F8

 D9CFF8

 ECE8F8

 FEFFF8

 FFFFF8

Harmonies

Analogous

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



007BFF



7D53F8



DB00B6

Triad

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



7D53F8



BF5500



009283

Complementary

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



7D53F8



CEF853

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.



008F2B



7D53F8



7F7600

Square

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



7D53F8



EB0017



0C8700



0093D2

Rectangle

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



7D53F8



F40082



0C8700



009266

Sweetspot

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



7D53F8



D9CCFF



53CFF8



696180



000000



808080

Same Dimension

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



7D53F8



6733FF



CF53F8



74707D



3000BD



10003D

Inverse Universe

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



F853CE



FF33CB



7CF853



7D707A



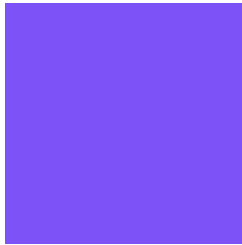
BD008D



3D002E

Previews

White Background



This preview shows how the Hex color 7D53F8 looks on a white background.

Color Contrast Check

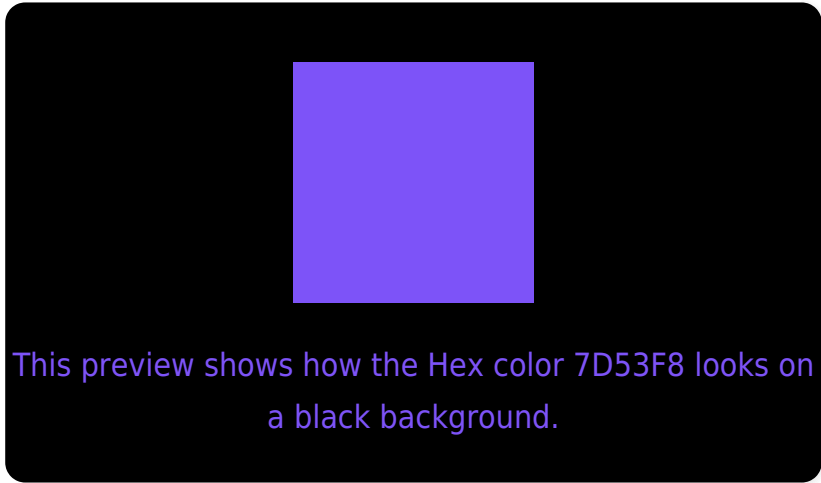
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

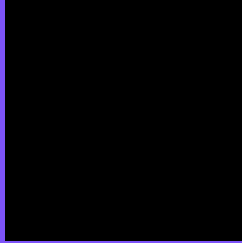
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 7D53F8 Background



This preview shows how black text looks on a background with the Hex color 7D53F8.

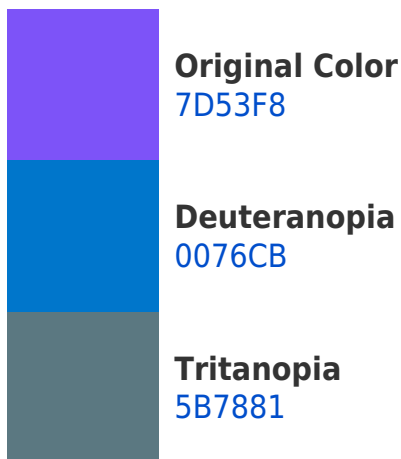


This preview shows how white text looks on a background with the Hex color 7D53F8.

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



Trichromacy



Original Color
7D53F8



Deuteranomaly
2D69DB

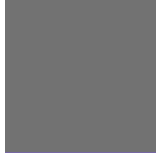


Tritanomaly
676BAC

Monochromacy



Original Color
7D53F8



Achromatopsia
727272



Achromatomaly
7667A3

CSS Examples

Text

The CSS property to change the color of the text to Hex 7D53F8 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 #7D53F8 looks like.

```
.text, #text, p{  
    color:#7D53F8  
}
```

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 #7D53F8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D53F8
}
```

Border

The CSS property to change the border of an element to Hex 7D53F8 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
#7D53F8 }
```

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

```
.border{ border-color:#7D53F8 }
```

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

Here you see how a box with a 4 pixel #7D53F8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D53F8; -webkit-box-shadow:4px 4px  
4px 4px #7D53F8; box-shadow:4px 4px 4px  
4px #7D53F8 }
```

Background

The CSS property to change the background color of an element to Hex 7D53F8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D53F8 }
```

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

```
.background{ background-color:#7D53F8 }
```

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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