

Converting Colors

Hex(238DF7)

Have a look what the booklet for
Hex(238DF7) contains.

Hex(238DF7)	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(238DF7)

Conversions

Conversions Part 1

Format	Color
Hex	238DF7
RGB	35, 141, 247
RGB Percent	14%, 55%, 97%
CMY	0.8627, 0.4471, 0.0314
CMYK	0.86, 0.43, 0.00, 0.03
HSL	210°, 93%, 55%
HSV	210°, 86%, 97%
XYZ	27.0065, 26.1225, 91.6144
YIQ	121.3900, -97.2020, 10.4940

Conversions

Conversions Part 2

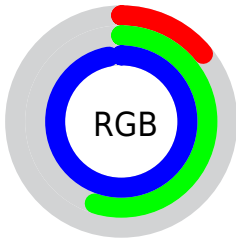
Format	Color
R _Y B	35, 106, 247
Decimal	2330103
CIE Lab	58.15, 9.08, -60.96
CIE LCh	58, 61.636, 278.476
Yxy	26.1225, 0.1866, 0.1805
Android (android.graphics.Color)	4280520183 (0xFF238DF7)
YUV	121.3900, 61.9257, -75.7640
Hunter-Lab	51.1102, 4.8763, -70.4996

Details

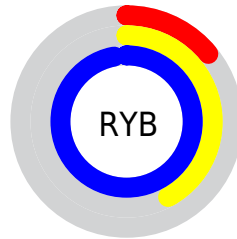
The Hex color **238DF7** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle washed azure. A complement of this color would be **F78D23**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **76C2FF**, and **005CBE** is the 20% darker color. If you saturate the color by 10%, you get **0A81F7**, and if you desaturate by 10%, it is **3C99F7**.

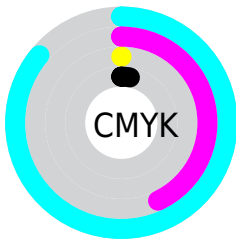
Distribution



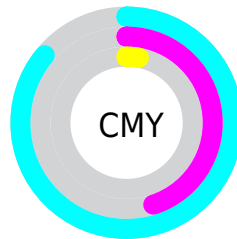
- Red (14%)
- Green (55%)
- Blue (97%)



- Red (14%)
- Yellow (42%)
- Blue (97%)



- Cyan (86%)
- Magenta (43%)
- Yellow (0%)
- Black (3%)



- Cyan (86%)
- Magenta (45%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color 238DF7 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 238DF7 by changing the saturation by 10% instead.

 238DF7

 238DF7


FFFFFF

 0074DA

 76C2FF

 005CBE

 97DEFF

 0045A2

 B7FAFF

 003087

 D6FFFF

 001D6D

 F6FFFF

 000B54

 00063C

 000226

 00010E

■ 238DF7

■ 238DF7

■ 0A81F7

■ 3C99F7

■ 007CF7

■ 54A6F7

■ 6DB2F7

■ 86BEF7

■ 9FCBF7

■ B7D7F7

■ D0E3F7

■ E9F0F7

■ FFFCF7

Harmonies

Analogous

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



009CF0



238DF7



A177E1

Triad

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



238DF7



E4644B



00A262

Complementary

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



238DF7



F78D23

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.



5E9B2F



238DF7



C67B20

Square

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



238DF7



ED567F



988E08



00A59A

Rectangle

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



238DF7



CA66C5



988E08



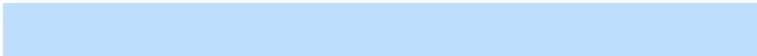
17A150

Sweetspot

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



238DF7



BDDEFF



23F78D



586C80



000000



808080

Same Dimension

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



238DF7



0080FF



2323F7



6E747A



005DBA



001D3B

Inverse Universe

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



F7238D



FF0080



F7F723



7A6E74



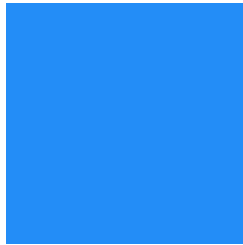
BA005D



3B001D

Previews

White Background



This preview shows how the Hex color 238DF7 looks on a white 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

Black Background



This preview shows how the Hex color 238DF7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

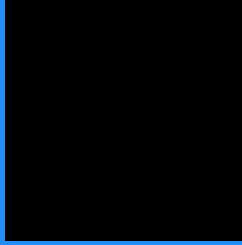
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

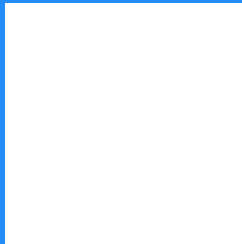
Any Text WCAG AAA × Fail

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

Hex 238DF7 Background



This preview shows how black text looks on a background with the Hex color 238DF7.



This preview shows how white text looks on a background with the Hex color 238DF7.

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](#).

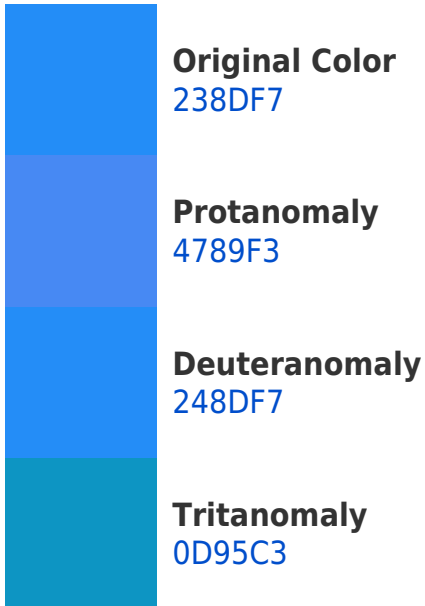
Dichromacy



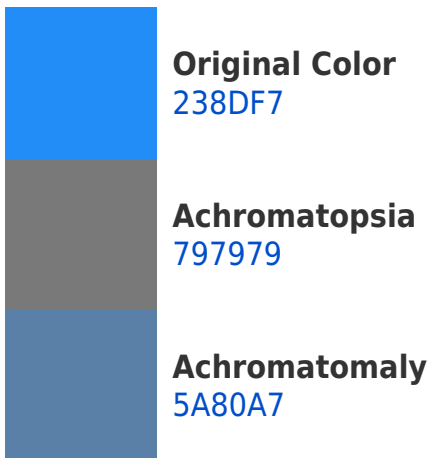


Tritanopia
009AA5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 238DF7 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 #238DF7 looks like.

```
.text, #text, p{  
    color:#238DF7  
}
```

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 #238DF7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #238DF7
}
```

Border

The CSS property to change the border of an element to Hex 238DF7 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
#238DF7 }
```

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

```
.border{ border-color:#238DF7 }
```

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

Here you see how a box with a 4 pixel #238DF7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #238DF7; -webkit-box-shadow:4px 4px  
4px 4px #238DF7; box-shadow:4px 4px 4px  
4px #238DF7 }
```

Background

The CSS property to change the background color of an element to Hex 238DF7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#238DF7 }
```

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

```
.background{ background-color:#238DF7 }
```

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