

Converting Colors

Hex(248DDC)

Have a look what the booklet for
Hex(248DDC) contains.

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Color

Hex(248DDC)

Conversions

Conversions Part 1

Format	Color
Hex	248DDC
RGB	36, 141, 220
RGB Percent	14%, 55%, 86%
CMY	0.8588, 0.4471, 0.1373
CMYK	0.84, 0.36, 0.00, 0.14
HSL	206°, 72%, 50%
HSV	206°, 84%, 86%
XYZ	23.1707, 24.5921, 71.2357
YIQ	118.6110, -87.9390, 2.3090

Conversions

Conversions Part 2

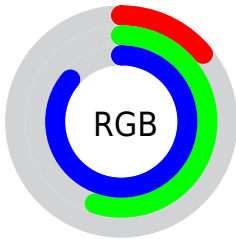
Format	Color
R _Y B	36, 103, 220
Decimal	2395612
CIE Lab	56.68, -0.91, -48.32
CIE LCh	57, 48.329, 268.920
Yxy	24.5921, 0.1947, 0.2067
Android (android.graphics.Color)	4280585692 (0xFF248DDC)
YUV	118.6110, 49.9848, -72.4498
Hunter-Lab	49.5905, -3.3807, -50.4556

Details

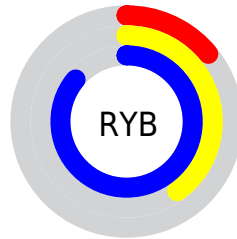
The Hex color **248DDC** is a dark color, and the websafe version is hex **0099FF**. The color can be described as dark washed azure. A complement of this color would be **DC7324**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **71C2FF**, and **005BA4** is the 20% darker color. If you saturate the color by 10%, you get **0E84DC**, and if you desaturate by 10%, it is **3A96DC**.

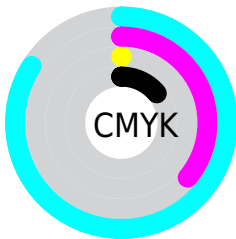
Distribution



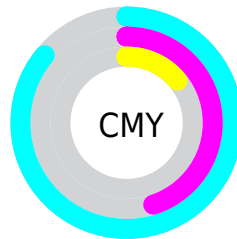
- Red (14%)
- Green (55%)
- Blue (86%)



- Red (14%)
- Yellow (40%)
- Blue (86%)



- Cyan (84%)
- Magenta (36%)
- Yellow (0%)
- Black (14%)



- Cyan (86%)
- Magenta (45%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color 248DDC 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 248DDC by changing the saturation by 10% instead.

■ 248DDC

■ 248DDC

FFFFFF

■ 0074C0

■ 71C2FF

■ 005BA4

■ 90DEFF

■ 00448A

■ AFFBFF

■ 002F70

■ CEFFFF

■ 001B57

■ EDFFFF

■ 00063F

■ 000328

■ 000112

■ 000000

■ 248DDC

■ 248DDC

■ 0E84DC

■ 3A96DC

■ 007EDC

■ 50A0DC

■ 66A9DC

■ 7CB3DC

■ 92BCDC

■ A8C6DC

■ BECFDC

■ D4D9DC

■ EAE2DC

Harmonies

Analogous

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



0097CF



248DDC



877ED2

Triad

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



248DDC



D46762



3E995B

Complementary

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



248DDC



DC7324

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.



77913A



248DDC



C17640

Square

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



248DDC



D3638B



A1852F



009D85

Rectangle

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



248DDC



AC72C0



A1852F



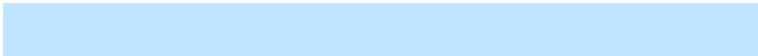
54974E

Sweetspot

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



248DDC



BFE4FF



24DC71



596F80



000000



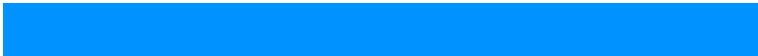
808080

Same Dimension

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



248DDC



0092FF



2433DC



63696E



0063AD



001A2E

Inverse Universe

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



DC248D



FF0092



DCCD24



6E6369



AD0063



2E001A

Previews

White Background



This preview shows how the Hex color 248DDC looks on a white background.

Color Contrast Check

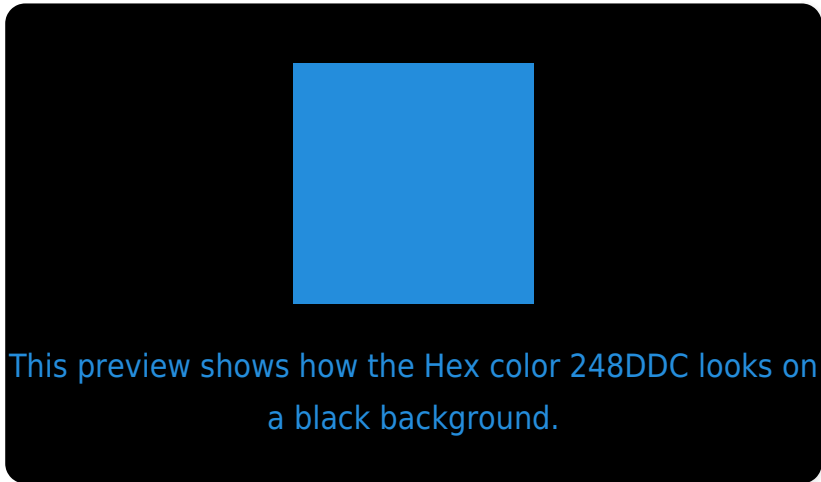
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

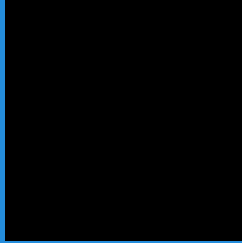
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

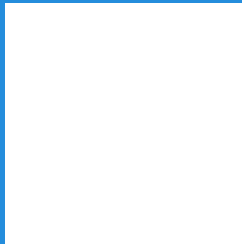
Any Text WCAG AAA × Fail

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

Hex 248DDC Background



This preview shows how black text looks on a background with the Hex color 248DDC.

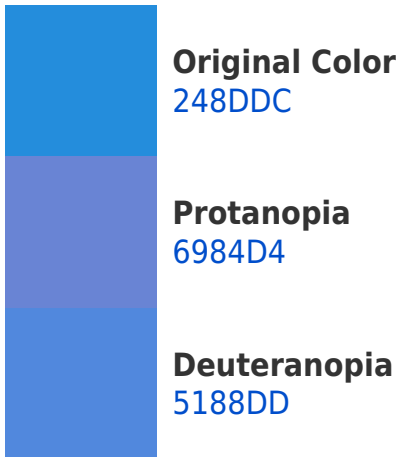


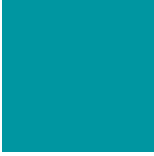
This preview shows how white text looks on a background with the Hex color 248DDC.

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](#).

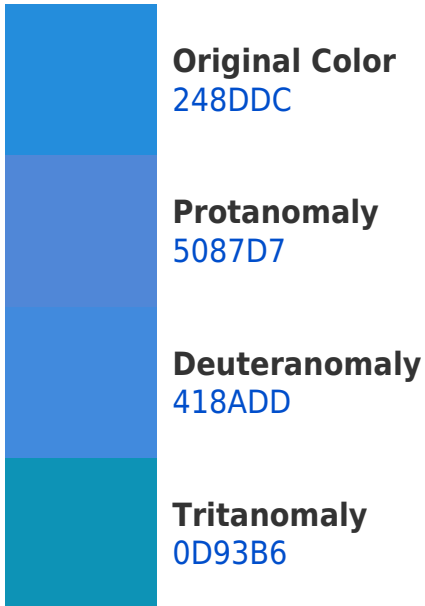
Dichromacy



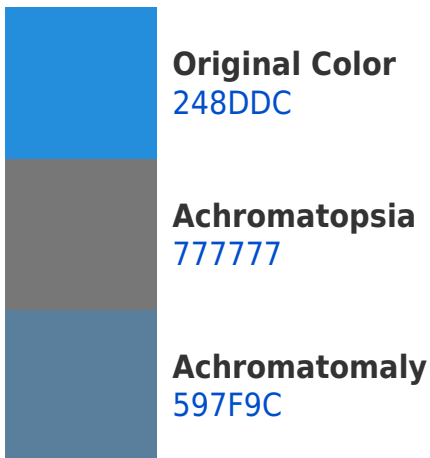


Tritanopia
0096A1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 248DDC 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 #248DDC looks like.

```
.text, #text, p{  
    color:#248DDC  
}
```

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 #248DDC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #248DDC
}
```

Border

The CSS property to change the border of an element to Hex 248DDC 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
#248DDC }
```

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

```
.border{ border-color:#248DDC }
```

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

Here you see how a box with a 4 pixel #248DDC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #248DDC; -webkit-box-shadow:4px 4px  
4px 4px #248DDC; box-shadow:4px 4px 4px  
4px #248DDC }
```

Background

The CSS property to change the background color of an element to Hex 248DDC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#248DDC }
```

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

```
.background{ background-color:#248DDC }
```

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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