

Converting Colors

Hex(248DD3)

Have a look what the booklet for
Hex(248DD3) contains.

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Color

Hex(248DD3)

Conversions

Conversions Part 1

Format	Color
Hex	248DD3
RGB	36, 141, 211
RGB Percent	14%, 55%, 83%
CMY	0.8588, 0.4471, 0.1725
CMYK	0.83, 0.33, 0.00, 0.17
HSL	204°, 71%, 48%
HSV	204°, 83%, 83%
XYZ	22.0103, 24.1280, 65.1251
YIQ	117.5850, -85.0500, -0.4900

Conversions

Conversions Part 2

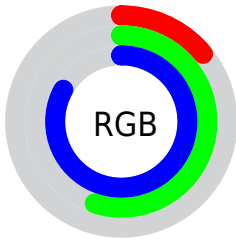
Format	Color
R_{YB}	36, 102, 211
Decimal	2395603
CIE _{Lab}	56.22, -4.23, -44.00
CIE _{LCh}	56, 44.203, 264.507
Yxy	24.1280, 0.1978, 0.2169
Android (android.graphics.Color)	4280585683 (0xFF248DD3)
YUV	117.5850, 46.0536, -71.5500
Hunter-Lab	49.1202, -5.9763, -44.2243

Details

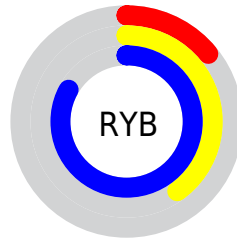
The Hex color **248DD3** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **D36A24**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **6FC2FF**, and **005B9C** is the 20% darker color. If you saturate the color by 10%, you get **0F85D3**, and if you desaturate by 10%, it is **3995D3**.

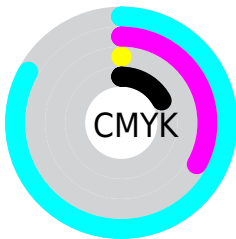
Distribution



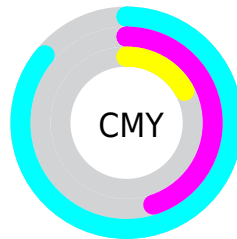
- Red (14%)
- Green (55%)
- Blue (83%)



- Red (14%)
- Yellow (40%)
- Blue (83%)



- Cyan (83%)
- Magenta (33%)
- Yellow (0%)
- Black (17%)



- Cyan (86%)
- Magenta (45%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color 248DD3 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 248DD3 by changing the saturation by 10% instead.

 248DD3

 248DD3

FFFFFF

 0074B7

 6FC2FF

 005B9C

 8EDEFF

 004482

 ADFBFF

 002E68


 CBFFFF

 001B4F

 E9FFFF

 000538

 000222

 000007

 000000

■ 248DD3

■ 248DD3

■ 0F85D3

■ 3995D3

■ 007FD3

■ 4E9ED3

■ 63A6D3

■ 78AFD3

■ 8DB7D3

■ A3C0D3

■ B8C8D3

■ CDD1D3

■ E2D9D3

Harmonies

Analogous

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



0096C5



248DD3



7E7FCD

Triad

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



248DD3



CE6869



4F9658

Complementary

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



248DD3



D36A24

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.



7E8E3E



248DD3



C07449

Square

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



248DD3



CA678F



A38238



009A7E

Rectangle

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



248DD3



A275BE



A38238



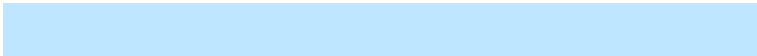
60944E

Sweetspot

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



248DD3



BFE6FF



24D36A



597080



000000



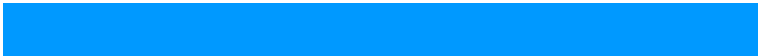
808080

Same Dimension

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



248DD3



0099FF



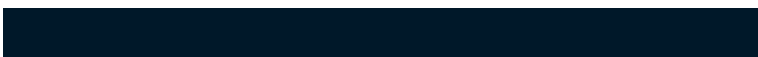
2435D3



5E6469



0065A8



001829

Inverse Universe

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



D3248D



FF0099



D3C124



695E64



A80065



290018

Previews

White Background



This preview shows how the Hex color 248DD3 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 248DD3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

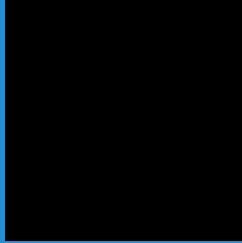
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

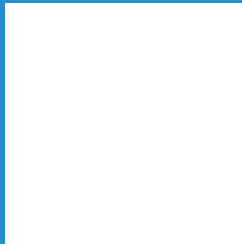
Any Text WCAG AAA × Fail

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

Hex 248DD3 Background



This preview shows how black text looks on a background with the Hex color 248DD3.

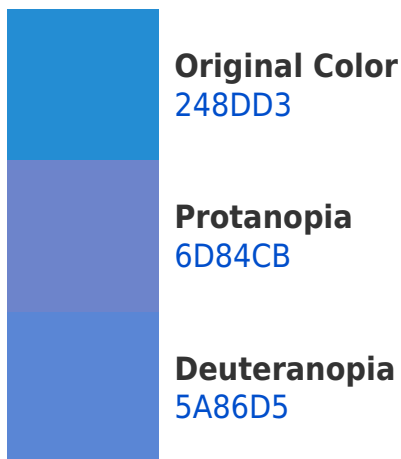


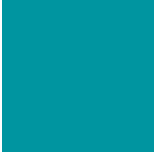
This preview shows how white text looks on a background with the Hex color 248DD3.

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](#).

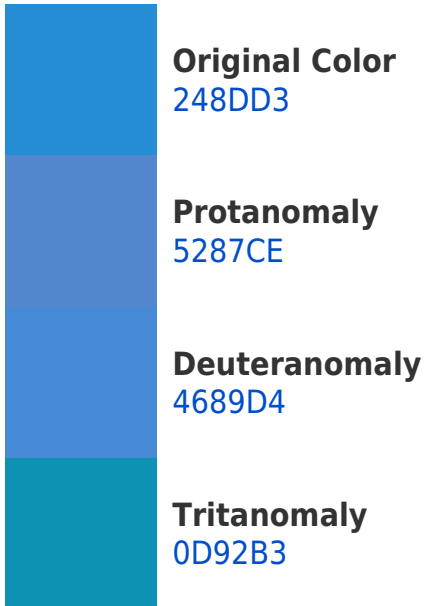
Dichromacy



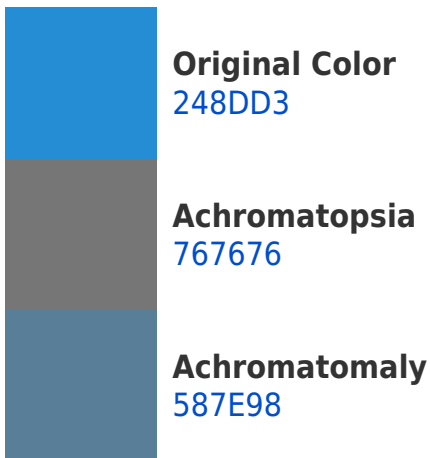


Tritanopia
0095A0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 248DD3 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 #248DD3 looks like.

```
.text, #text, p{  
    color:#248DD3  
}
```

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 #248DD3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #248DD3
}
```

Border

The CSS property to change the border of an element to Hex 248DD3 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
#248DD3 }
```

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

```
.border{ border-color:#248DD3 }
```

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

Here you see how a box with a 4 pixel #248DD3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #248DD3; -webkit-box-shadow:4px 4px  
4px 4px #248DD3; box-shadow:4px 4px 4px  
4px #248DD3 }
```

Background

The CSS property to change the background color of an element to Hex 248DD3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#248DD3 }
```

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

```
.background{ background-color:#248DD3 }
```

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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