

Converting Colors

Hex(25A0DD)

Have a look what the booklet for
Hex(25A0DD) contains.

Hex(25A0DD)	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(25A0DD)

Conversions

Conversions Part 1

Format	Color
Hex	25A0DD
RGB	37, 160, 221
RGB Percent	15%, 63%, 87%
CMY	0.8549, 0.3725, 0.1333
CMYK	0.83, 0.28, 0.00, 0.13
HSL	200°, 73%, 51%
HSV	200°, 83%, 87%
XYZ	26.3849, 30.7554, 72.9524
YIQ	130.1770, -92.8890, -7.1050

Conversions

Conversions Part 2

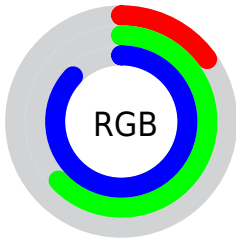
Format	Color
RYB	37, 111, 221
Decimal	2466013
CIELab	62.30, -11.33, -40.01
CIELCh	62, 41.581, 254.183
Yxy	30.7554, 0.2028, 0.2364
Android (android.graphics.Color)	4280656093 (0xFF25A0DD)
YUV	130.1770, 44.7757, -81.7162
Hunter-Lab	55.4575, -12.1262, -39.1736

Details

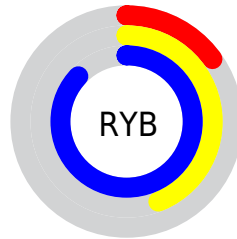
The Hex color **25A0DD** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle washed azure. A complement of this color would be **DD6225**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **72D7FF**, and **006DA6** is the 20% darker color. If you saturate the color by 10%, you get **0F99DD**, and if you desaturate by 10%, it is **3BA7DD**.

Distribution



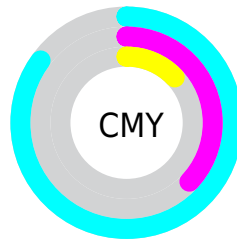
- Red (15%)
- Green (63%)
- Blue (87%)



- Red (15%)
- Yellow (44%)
- Blue (87%)



- Cyan (83%)
- Magenta (28%)
- Yellow (0%)
- Black (13%)



- Cyan (85%)
- Magenta (37%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 25A0DD 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 25A0DD by changing the saturation by 10% instead.

 25A0DD

 25A0DD


FFFFFF

 0086C1

 72D7FF

 006DA6

 92F3FF

 00558B

 B1FFFF

 003E71

 CFFFFFF

 002858

 EFFFFFF

 001441

 00032A

 000114

 000000

■ 25A0DD

■ 25A0DD

■ 0F99DD

■ 3BA7DD

■ 0094DD

■ 51AFDD

■ 67B6DD

■ 7DBDDD

■ 94C5DD

■ AACCCD

■ C0D3DD

■ D6DBDD

■ ECE2DD

Harmonies

Analogous

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



00A7C9



25A0DD



7B94DE

Triad

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



25A0DD



DD7986



73A360

Complementary

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



25A0DD



DD6225

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.



9C9A4D



25A0DD



D58165

Square

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



25A0DD



D17BAC



BE8E4F



3EA881

Rectangle

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



25A0DD



A18BD4



BE8E4F



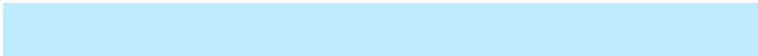
82A158

Sweetspot

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



25A0DD



BFEAFF



25DD5F



597380



000000



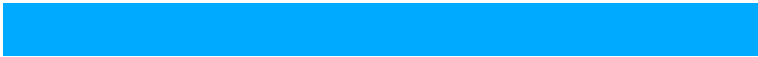
808080

Same Dimension

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



25A0DD



00AAFF



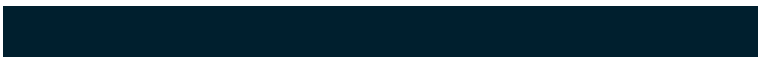
2547DD



636A6E



0074AD



001F2E

Inverse Universe

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



DD25A0



FF00AA



DDBB25



6E636A



AD0074



2E001F

Previews

White Background



This preview shows how the Hex color 25A0DD looks on a white background.

Color Contrast Check

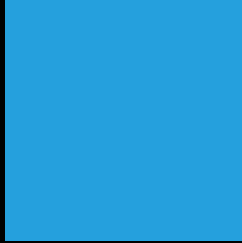
Large Text (above 18pt) WCAG AA × Fail

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 25A0DD looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

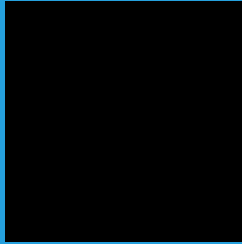
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

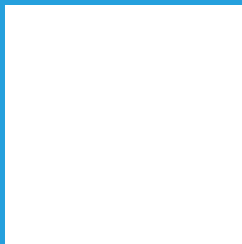
Any Text WCAG AAA ✓ Pass

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

Hex 25A0DD Background



This preview shows how black text looks on a background with the Hex color 25A0DD.

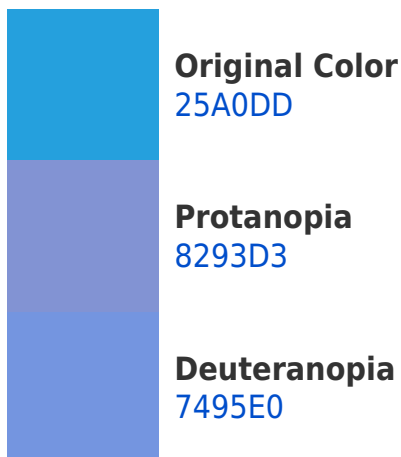


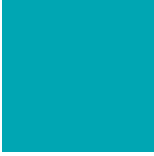
This preview shows how white text looks on a background with the Hex color 25A0DD.

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](#).

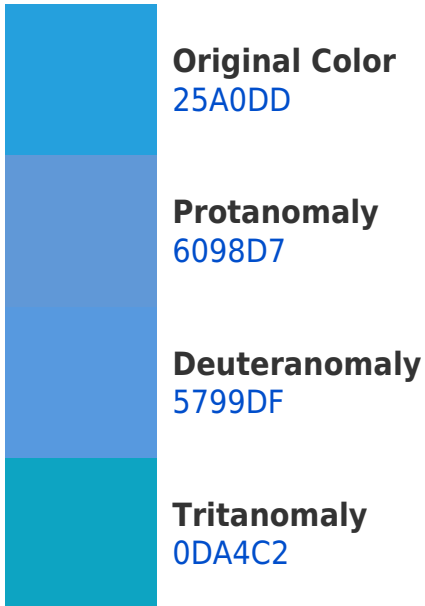
Dichromacy



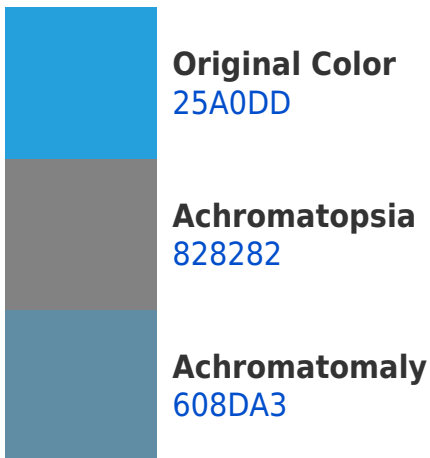


Tritanopia
00A6B3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 25A0DD 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 #25A0DD looks like.

```
.text, #text, p{  
    color:#25A0DD  
}
```

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 #25A0DD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #25A0DD
}
```

Border

The CSS property to change the border of an element to Hex 25A0DD 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
#25A0DD }
```

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

```
.border{ border-color:#25A0DD }
```

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

Here you see how a box with a 4 pixel #25A0DD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #25A0DD; -webkit-box-shadow:4px 4px  
4px 4px #25A0DD; box-shadow:4px 4px 4px  
4px #25A0DD }
```

Background

The CSS property to change the background color of an element to Hex 25A0DD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#25A0DD }
```

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

```
.background{ background-color:#25A0DD }
```

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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