

Converting Colors

Hex(2DA6E0)

Have a look what the booklet for
Hex(2DA6E0) contains.

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Color

Hex(2DA6E0)

Conversions

Conversions Part 1

Format	Color
Hex	2DA6E0
RGB	45, 166, 224
RGB Percent	18%, 65%, 88%
CMY	0.8235, 0.3490, 0.1216
CMYK	0.80, 0.26, 0.00, 0.12
HSL	199°, 74%, 53%
HSV	199°, 80%, 88%
XYZ	28.1730, 33.2121, 75.4467
YIQ	136.4330, -90.7340, -7.6140

Conversions

Conversions Part 2

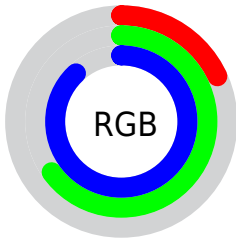
Format	Color
RYB	45, 117, 224
Decimal	2991840
CIELab	64.33, -12.88, -38.48
CIELCh	64, 40.575, 251.487
Yxy	33.2121, 0.2059, 0.2427
Android (android.graphics.Color)	4281181920 (0xFF2DA6E0)
YUV	136.4330, 43.1705, -80.1867
Hunter-Lab	57.6300, -13.5911, -37.2790

Details

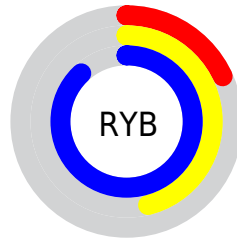
The Hex color **2DA6E0** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle washed azure. A complement of this color would be **E0672D**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **77DDFF**, and **0072A8** is the 20% darker color. If you saturate the color by 10%, you get **179FE0**, and if you desaturate by 10%, it is **43ADE0**.

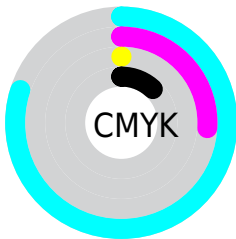
Distribution



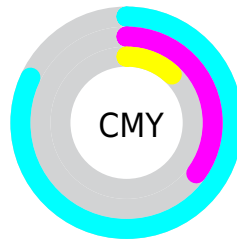
- Red (18%)
- Green (65%)
- Blue (88%)



- Red (18%)
- Yellow (46%)
- Blue (88%)



- Cyan (80%)
- Magenta (26%)
- Yellow (0%)
- Black (12%)




















- Cyan (82%)
- Magenta (35%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2DA6E0 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 2DA6E0 by changing the saturation by 10% instead.

 2DA6E0	 2DA6E0
 FFFFFFFF	 008CC4
 77DDFF	 0072A8
 96FAFF	 005A8E
 B5FFFF	 004274
 D4FFFF	 002C5B
 F3FFFF	 001943
	 00032C
	 000117
	 000000

■ 2DA6E0

■ 2DA6E0

■ 179FE0

■ 43ADE0

■ 0097E0

■ 5AB5E0

■ 70BCE0

■ 87C3E0

■ 9DCAE0

■ B3D2E0

■ CAD9E0

■ E0E0E0

■ F7E7E0

Harmonies

Analogous

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



00ADCB



2DA6E0



7C9BE3

Triad

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



2DA6E0



E17F8F



7DA864

Complementary

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



2DA6E0



E0672D

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.



A59E53



2DA6E0



DB866E

Square

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



2DA6E0



D482B4



C69257



4DAD84

Rectangle

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



2DA6E0



A292DA



C69257



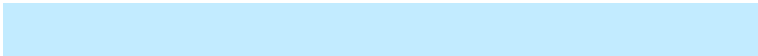
8BA55C

Sweetspot

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



2DA6E0



C2EBFF



2DE066



5B7480



000000



808080

Same Dimension

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



2DA6E0



0AB0FF



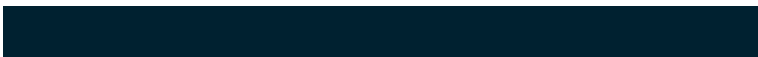
2D4EE0



656D70



0077B0



002130

Inverse Universe

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



E02DA6



FF0AB0



E0BF2D



70656D



B00077



300021

Previews

White Background



This preview shows how the Hex color 2DA6E0 looks on a white background.

Color Contrast Check

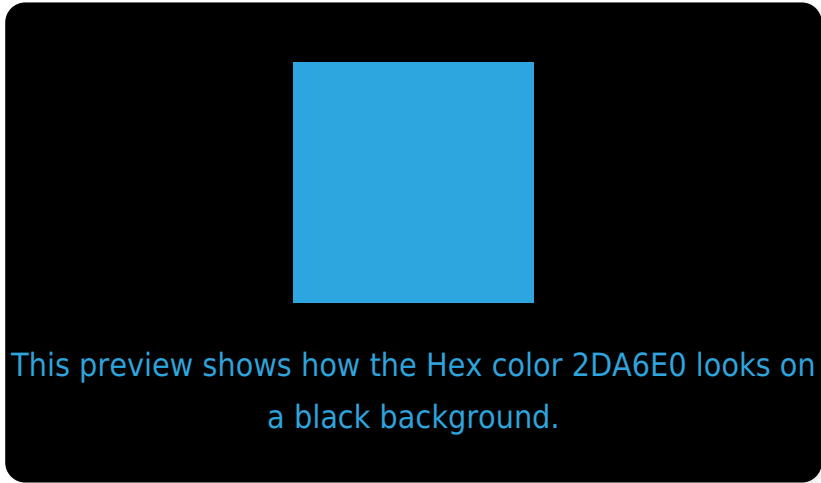
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

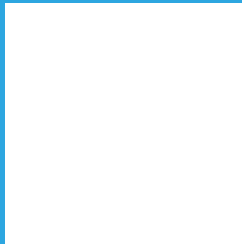
Any Text WCAG AAA ✓ Pass

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

Hex 2DA6E0 Background



This preview shows how black text looks on a background with the Hex color 2DA6E0.

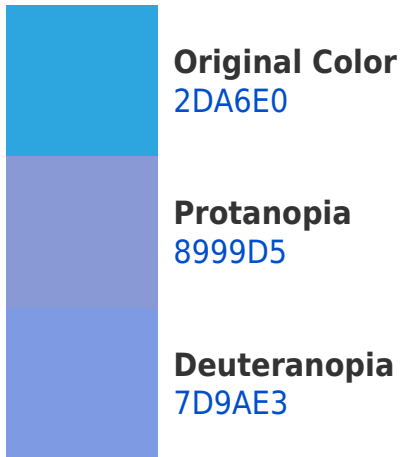


This preview shows how white text looks on a background with the Hex color 2DA6E0.

Color Blindness Simulation

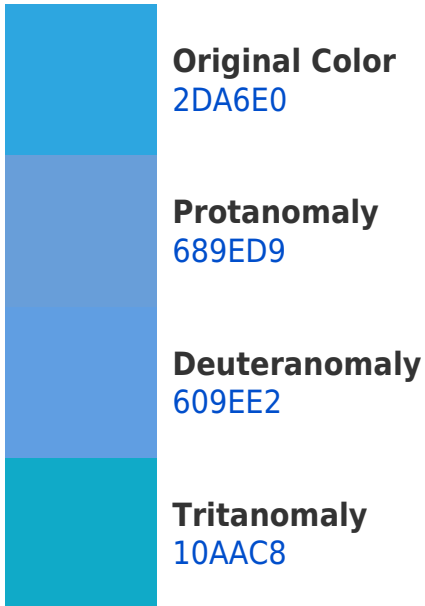
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2DA6E0 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 #2DA6E0 looks like.

```
.text, #text, p{  
    color:#2DA6E0  
}
```

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 #2DA6E0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2DA6E0
}
```

Border

The CSS property to change the border of an element to Hex 2DA6E0 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
#2DA6E0 }
```

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

```
.border{ border-color:#2DA6E0 }
```

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

Here you see how a box with a 4 pixel #2DA6E0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2DA6E0; -webkit-box-shadow:4px 4px  
4px 4px #2DA6E0; box-shadow:4px 4px 4px  
4px #2DA6E0 }
```

Background

The CSS property to change the background color of an element to Hex 2DA6E0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2DA6E0 }
```

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

```
.background{ background-color:#2DA6E0 }
```

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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