

Converting Colors

Hex(2DA1C5)

Have a look what the booklet for
Hex(2DA1C5) contains.

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Color

Hex(2DA1C5)

Conversions

Conversions Part 1

Format	Color
Hex	2DA1C5
RGB	45, 161, 197
RGB Percent	18%, 63%, 77%
CMY	0.8235, 0.3686, 0.2275
CMYK	0.77, 0.18, 0.00, 0.23
HSL	194°, 63%, 47%
HSV	194°, 77%, 77%
XYZ	23.9051, 30.0788, 57.3692
YIQ	130.4200, -80.6920, -13.3960

Conversions

Conversions Part 2

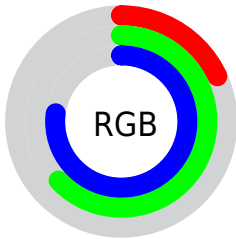
Format	Color
RYB	45, 111, 197
Decimal	2990533
CIELab	61.72, -19.40, -27.53
CIELCh	62, 33.679, 234.835
Yxy	30.0788, 0.2147, 0.2701
Android (android.graphics.Color)	4281180613 (0xFF2DA1C5)
YUV	130.4200, 32.8239, -74.9133
Hunter-Lab	54.8442, -18.1740, -23.6288

Details

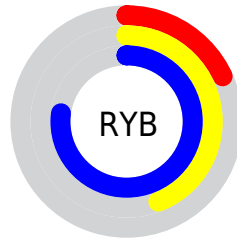
The Hex color **2DA1C5** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle muted azure. A complement of this color would be **C5512D**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **72D8FE**, and **006D8F** is the 20% darker color. If you saturate the color by 10%, you get **199CC5**, and if you desaturate by 10%, it is **41A6C5**.

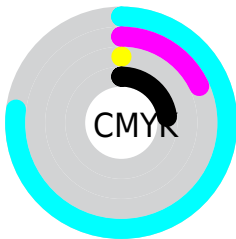
Distribution



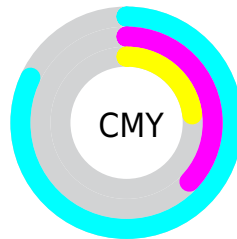
- Red (18%)
- Green (63%)
- Blue (77%)



- Red (18%)
- Yellow (44%)
- Blue (77%)



- Cyan (77%)
- Magenta (18%)
- Yellow (0%)
- Black (23%)



- Cyan (82%)
- Magenta (37%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2DA1C5 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 2DA1C5 by changing the saturation by 10% instead.

 2DA1C5

 2DA1C5

FFFFFF

 0087AA

 72D8FE

 006D8F

 90F4FF

 005575

 AFFFFFF

 003D5D

 CDFFFF

 002745

 EBFFFF

 000F2E

 000119

 000000

 2DA1C5

 2DA1C5

■ 199CC5

■ 41A6C5

■ 0698C5

■ 54AAC5

■ 0096C5

■ 68AFC5

■ 7CB4C5

■ 90B8C5

■ A3BDC5

■ B7C2C5

■ CBC6C5

■ DECBC5

Harmonies

Analogous

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



1DA5AD



2DA1C5



619AD0

Triad

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



2DA1C5



CB7E9B



8F9B5E

Complementary

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



2DA1C5



C5512D

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.



AE9259



2DA1C5



CF7F7E

Square

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



2DA1C5



B685B8



C48765



6DA172

Rectangle

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



2DA1C5



8293CE



C48765



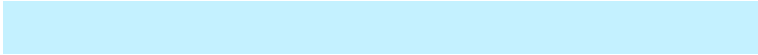
9A985B

Sweetspot

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



2DA1C5



C4F1FF



2DC550



5C7780



000000



808080

Same Dimension

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



2DA1C5



12C7FF



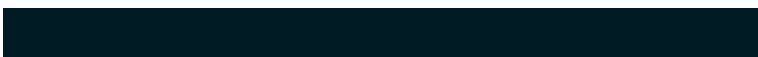
2D56C5



5A6163



007DA3



001B24

Inverse Universe

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



C52DA1



FF12C7



C59C2D



635A61



A3007D



24001B

Previews

White Background



This preview shows how the Hex color 2DA1C5 looks on a white background.

Color Contrast Check

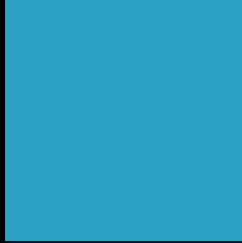
Large Text (above 18pt) WCAG AA × Fail

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 2DA1C5 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 2DA1C5 Background



This preview shows how black text looks on a background with the Hex color 2DA1C5.

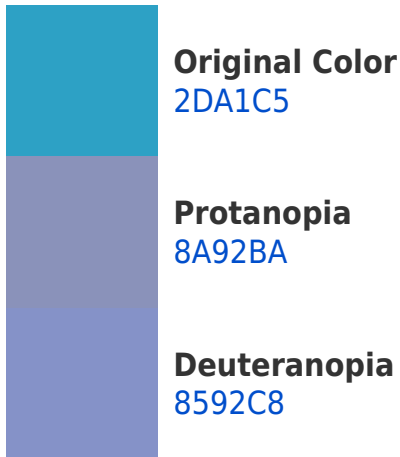


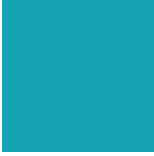
This preview shows how white text looks on a background with the Hex color 2DA1C5.

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](#).

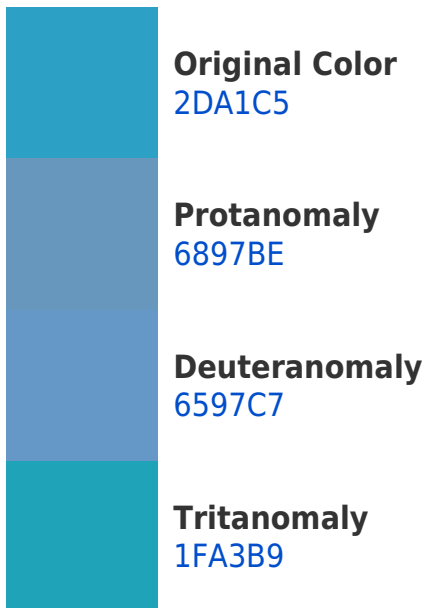
Dichromacy



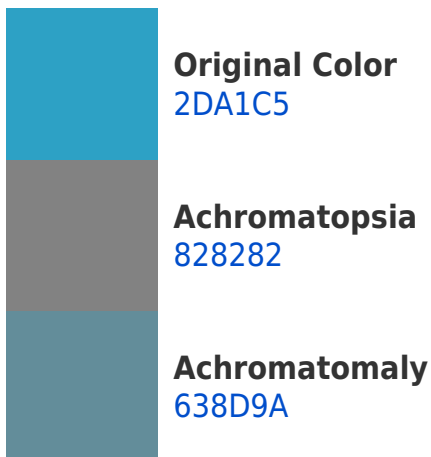


Tritanopia
17A4B2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2DA1C5 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 #2DA1C5 looks like.

```
.text, #text, p{  
    color:#2DA1C5  
}
```

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 #2DA1C5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2DA1C5
}
```

Border

The CSS property to change the border of an element to Hex 2DA1C5 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
#2DA1C5 }
```

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

```
.border{ border-color:#2DA1C5 }
```

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

Here you see how a box with a 4 pixel #2DA1C5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2DA1C5; -webkit-box-shadow:4px 4px  
4px 4px #2DA1C5; box-shadow:4px 4px 4px  
4px #2DA1C5 }
```

Background

The CSS property to change the background color of an element to Hex 2DA1C5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2DA1C5 }
```

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

```
.background{ background-color:#2DA1C5 }
```

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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