

Converting Colors

Hex(2D83D4)

Have a look what the booklet for
Hex(2D83D4) contains.

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Color

Hex(2D83D4)

Conversions

Conversions Part 1

Format	Color
Hex	2D83D4
RGB	45, 131, 212
RGB Percent	18%, 51%, 83%
CMY	0.8235, 0.4863, 0.1686
CMYK	0.79, 0.38, 0.00, 0.17
HSL	209°, 66%, 50%
HSV	209°, 79%, 83%
XYZ	21.0822, 21.5440, 65.3346
YIQ	114.5200, -77.2570, 6.9590

Conversions

Conversions Part 2

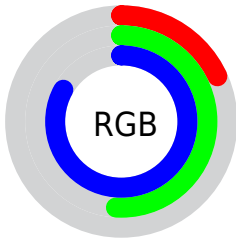
Format	Color
R_{YB}	45, 102, 212
Decimal	2982868
CIE _{Lab}	53.54, 2.92, -48.79
CIE _{LCh}	54, 48.882, 273.430
Yxy	21.5440, 0.1953, 0.1996
Android (android.graphics.Color)	4281172948 (0xFF2D83D4)
YUV	114.5200, 48.0576, -60.9690
Hunter-Lab	46.4155, -0.1514, -50.9660

Details

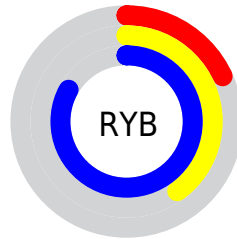
The Hex color **2D83D4** is a dark color, and the websafe version is hex **3399FF**. The color can be described as dark washed azure. A complement of this color would be **D47E2D**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **73B8FF**, and **00529D** is the 20% darker color. If you saturate the color by 10%, you get **1879D4**, and if you desaturate by 10%, it is **428DD4**.

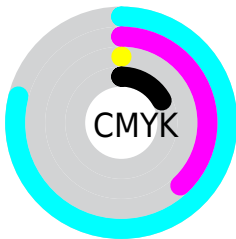
Distribution



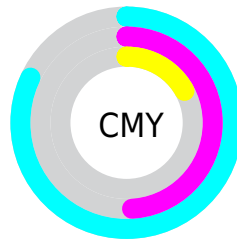
- Red (18%)
- Green (51%)
- Blue (83%)



- Red (18%)
- Yellow (40%)
- Blue (83%)



- Cyan (79%)
- Magenta (38%)
- Yellow (0%)
- Black (17%)



- Cyan (82%)
- Magenta (49%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D83D4 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 2D83D4 by changing the saturation by 10% instead.

■ 2D83D4

■ 2D83D4

FFFFFF

■ 006AB8

■ 73B8FF

■ 00529D

■ 92D3FF

■ 003C82

■ B0EFFF

■ 002769

■ CFFFFFF

■ 001250

■ EDFFFF

■ 000538

■ 000222

■ 000008

■ 000000

■ 2D83D4

■ 2D83D4

■ 1879D4

■ 428DD4

■ 036ED4

■ 5798D4

■ 006DD4

■ 6DA2D4

■ 82ACD4

■ 97B6D4

■ ACC1D4

■ C1CBD4

■ D7D5D4

■ ECE0D4

Harmonies

Analogous

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



008ECB



2D83D4



8873C6

Triad

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



2D83D4



CA6054



259258

Complementary

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



2D83D4



D47E2D

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.



678B35



2D83D4



B47034

Square

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



2D83D4



CC5A7D



927F25



009484

Rectangle

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



2D83D4



AA67B3



927F25



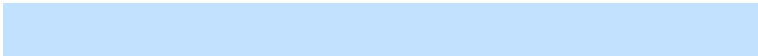
41904B

Sweetspot

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



2D83D4



C2E1FF



2DD47E



5B6E80



000000



808080

Same Dimension

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



2D83D4



0D8AFF



2D30D4



60666B



0058AB



00162B

Inverse Universe

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



D42D83



FF0D8A



D4D12D



6B6066



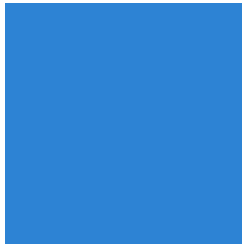
AB0058



2B0016

Previews

White Background



This preview shows how the Hex color 2D83D4 looks on a white background.

Color Contrast Check

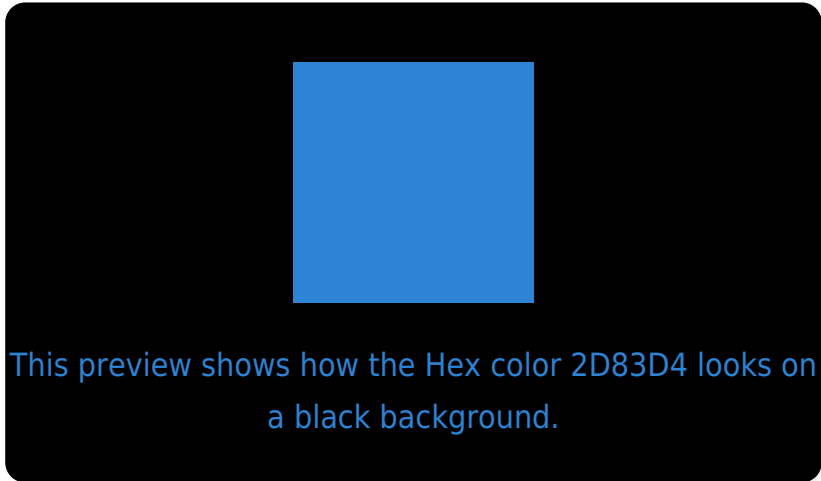
Large Text (above 18pt) WCAG AA ✓ Pass

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

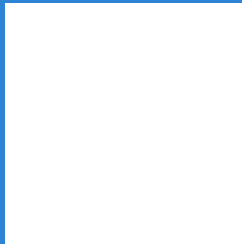
Any Text WCAG AAA × Fail

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

Hex 2D83D4 Background



This preview shows how black text looks on a background with the Hex color 2D83D4.

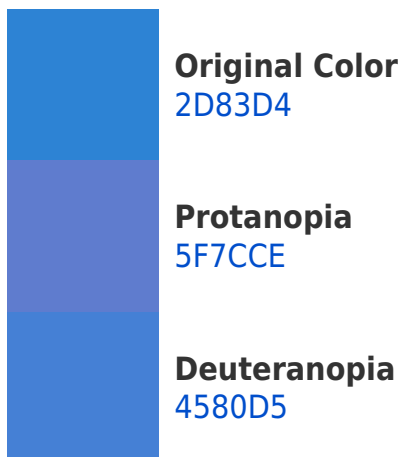


This preview shows how white text looks on a background with the Hex color 2D83D4.

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](#).

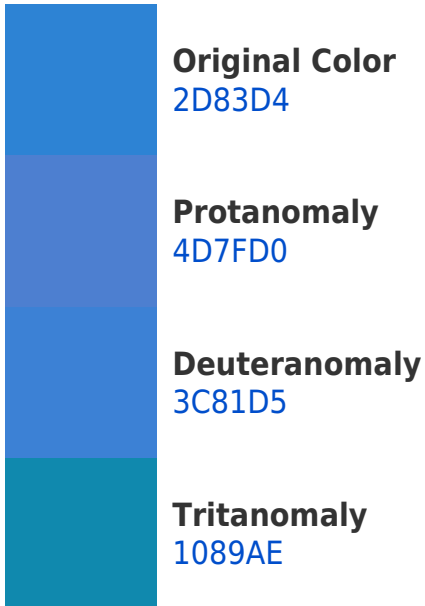
Dichromacy





Tritanopia
008D98

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2D83D4 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 #2D83D4 looks like.

```
.text, #text, p{  
    color:#2D83D4  
}
```

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 #2D83D4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D83D4
}
```

Border

The CSS property to change the border of an element to Hex 2D83D4 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
#2D83D4 }
```

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

```
.border{ border-color:#2D83D4 }
```

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

Here you see how a box with a 4 pixel #2D83D4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D83D4; -webkit-box-shadow:4px 4px  
4px 4px #2D83D4; box-shadow:4px 4px 4px  
4px #2D83D4 }
```

Background

The CSS property to change the background color of an element to Hex 2D83D4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D83D4 }
```

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

```
.background{ background-color:#2D83D4 }
```

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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