

Converting Colors

Hex(2693D9)

Have a look what the booklet for
Hex(2693D9) contains.

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Color

Hex(2693D9)

Conversions

Conversions Part 1

Format	Color
Hex	2693D9
RGB	38, 147, 217
RGB Percent	15%, 58%, 85%
CMY	0.8510, 0.4235, 0.1490
CMYK	0.82, 0.32, 0.00, 0.15
HSL	203°, 70%, 50%
HSV	203°, 82%, 85%
XYZ	23.7574, 26.2893, 69.4678
YIQ	122.3890, -87.4340, -1.3380

Conversions

Conversions Part 2

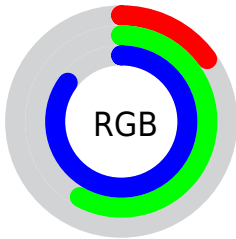
Format	Color
R_{YB}	38, 106, 217
Decimal	2528217
CIE _{Lab}	58.31, -5.34, -44.05
CIE _{LCh}	58, 44.377, 263.085
Yxy	26.2893, 0.1988, 0.2200
Android (android.graphics.Color)	4280718297 (0xFF2693D9)
YUV	122.3890, 46.6432, -74.0092
Hunter-Lab	51.2731, -7.0196, -44.4385

Details

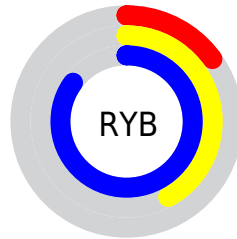
The Hex color **2693D9** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle washed azure. A complement of this color would be **D96C26**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **71C9FF**, and **0061A2** is the 20% darker color. If you saturate the color by 10%, you get **108BD9**, and if you desaturate by 10%, it is **3C9BD9**.

Distribution



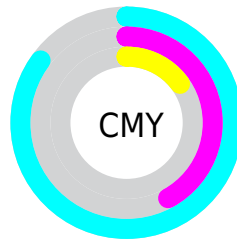
- Red (15%)
- Green (58%)
- Blue (85%)



- Red (15%)
- Yellow (42%)
- Blue (85%)



- Cyan (82%)
- Magenta (32%)
- Yellow (0%)
- Black (15%)



- Cyan (85%)
- Magenta (42%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2693D9 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 2693D9 by changing the saturation by 10% instead.

 2693D9

 2693D9

FFFFFF

 0079BD

 71C9FF

 0061A2

 91E5FF

 004987

 AFFFFFF

 00336D


 CEFFFF

 001F55

 EDFFFF

 00063D

 000326

 00010F

 000000

■ 2693D9

■ 2693D9

■ 108BD9

■ 3C9BD9

■ 0084D9

■ 51A4D9

■ 67ACD9

■ 7DB5D9

■ 93BDD9

■ A8C6D9

■ BECED9

■ D4D7D9

■ E9DFD9

Harmonies

Analogous

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



009CC9



2693D9



8086D4

Triad

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



2693D9



D56D70



579B5C

Complementary

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



2693D9



D96C26

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.



859342



2693D9



C7794F

Square

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



2693D9



CF6C97



AB873D



009F82

Rectangle

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



2693D9



A57BC5



AB873D



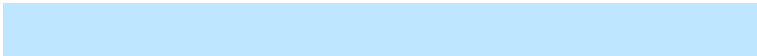
689951

Sweetspot

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



2693D9



BFE6FF



26D96B



597180



000000



808080

Same Dimension

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



2693D9



039CFF



263BD9



63696E



006AAD



001C2E

Inverse Universe

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



D92693



FF039C



D9C426



6E6369



AD006A



2E001C

Previews

White Background



This preview shows how the Hex color 2693D9 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 2693D9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

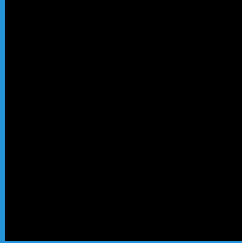
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

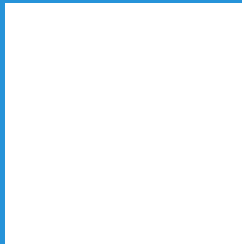
Any Text WCAG AAA × Fail

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

Hex 2693D9 Background



This preview shows how black text looks on a background with the Hex color 2693D9.

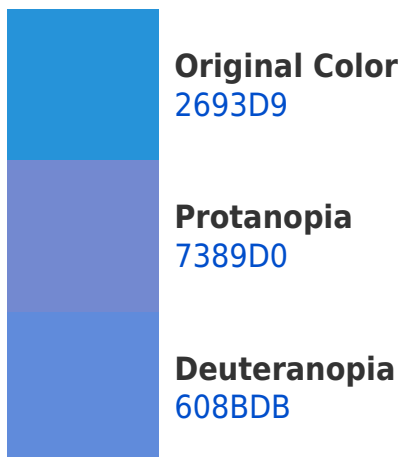


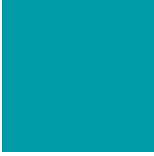
This preview shows how white text looks on a background with the Hex color 2693D9.

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](#).

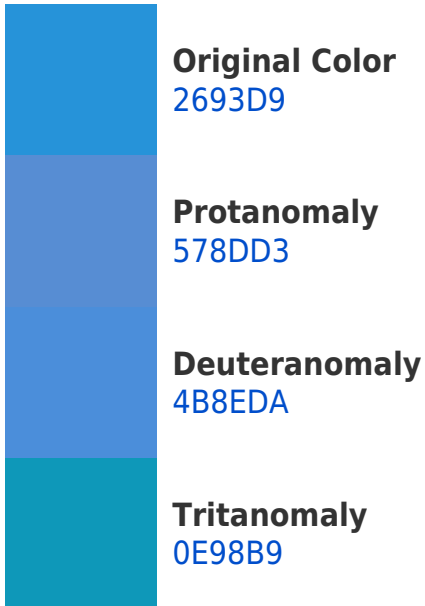
Dichromacy



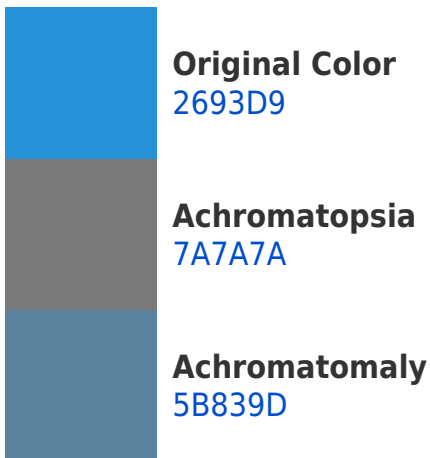


Tritanopia
009BA7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2693D9 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 #2693D9 looks like.

```
.text, #text, p{  
    color:#2693D9  
}
```

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 #2693D9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2693D9
}
```

Border

The CSS property to change the border of an element to Hex 2693D9 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
#2693D9 }
```

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

```
.border{ border-color:#2693D9 }
```

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

Here you see how a box with a 4 pixel #2693D9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2693D9; -webkit-box-shadow:4px 4px  
4px 4px #2693D9; box-shadow:4px 4px 4px  
4px #2693D9 }
```

Background

The CSS property to change the background color of an element to Hex 2693D9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2693D9 }
```

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

```
.background{ background-color:#2693D9 }
```

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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