

Converting Colors

Hex(2996CC)

Have a look what the booklet for
Hex(2996CC) contains.

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Color

Hex(2996CC)

Conversions

Conversions Part 1

Format	Color
Hex	2996CC
RGB	41, 150, 204
RGB Percent	16%, 59%, 80%
CMY	0.8392, 0.4118, 0.2000
CMYK	0.80, 0.26, 0.00, 0.20
HSL	200°, 67%, 48%
HSV	200°, 80%, 80%
XYZ	22.7199, 26.6437, 61.0720
YIQ	123.5650, -82.2980, -6.3140

Conversions

Conversions Part 2

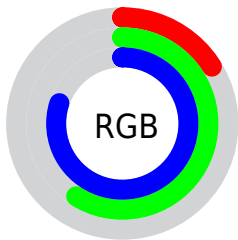
Format	Color
R_{YB}	41, 106, 204
Decimal	2725580
CIE _{Lab}	58.64, -11.43, -36.24
CIE _{LCh}	59, 38.004, 252.497
Yxy	26.6437, 0.2057, 0.2413
Android (android.graphics.Color)	4280915660 (0xFF2996CC)
YUV	123.5650, 39.6545, -72.4095
Hunter-Lab	51.6176, -11.7626, -34.0175

Details

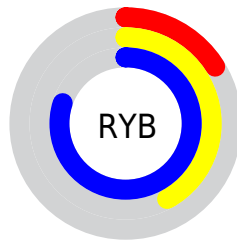
The Hex color `2996CC` is a dark color, and the websafe version is hex `3399CC`. The color can be described as dark muted azure. A complement of this color would be `CC5F29`, and the grayscale version is `7B7B7B`.

A 20% lighter version of the original color is `70CCFF`, and `006396` is the 20% darker color. If you saturate the color by 10%, you get `158FCC`, and if you desaturate by 10%, it is `3D9DCC`.

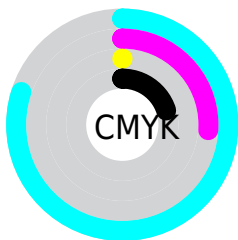
Distribution



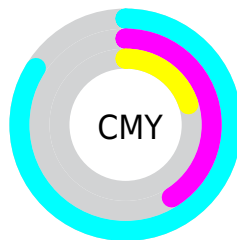
- Red (16%)
- Green (59%)
- Blue (80%)



- Red (16%)
- Yellow (42%)
- Blue (80%)



- Cyan (80%)
- Magenta (26%)
- Yellow (0%)
- Black (20%)



- Cyan (84%)
- Magenta (41%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2996CC 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 2996CC by changing the saturation by 10% instead.

 2996CC

 2996CC

FFFFFF

 007CB0

 70CCFF

 006396

 8FE8FF

 004C7B

 ADFFFF

 003562

 CBFFFF

 00204A

 EAFFFF

 000433

 00021D

 000000

 2996CC

 2996CC

■ 158FCC

■ 3D9DCC

■ 0088CC

■ 52A4CC

■ 66AACC

■ 7BB1CC

■ 8FB8CC

■ A3BFCC

■ B8C5CC

■ CCCCCC

■ E1D3CC

Harmonies

Analogous

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



009CB9



2996CC



718CCE

Triad

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



2996CC



CD7280



70985B

Complementary

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



2996CC



CC5F29

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.



94904A



2996CC



C77962

Square

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



2996CC



C175A2



B3844D



429D78

Rectangle

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



2996CC



9483C5



B3844D



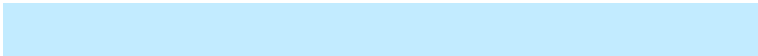
7C9653

Sweetspot

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



2996CC



C2EBFF



29CC5D



5B7380



000000



808080

Same Dimension

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



2996CC



0AAEFF



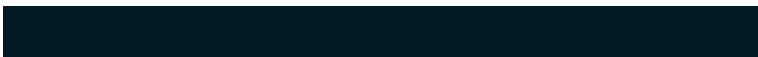
2947CC



5C6366



006FA6



001A26

Inverse Universe

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



CC2996



FF0AAE



CCAE29



665C63



A6006F



26001A

Previews

White Background



This preview shows how the Hex color 2996CC looks on a white background.

Color Contrast Check

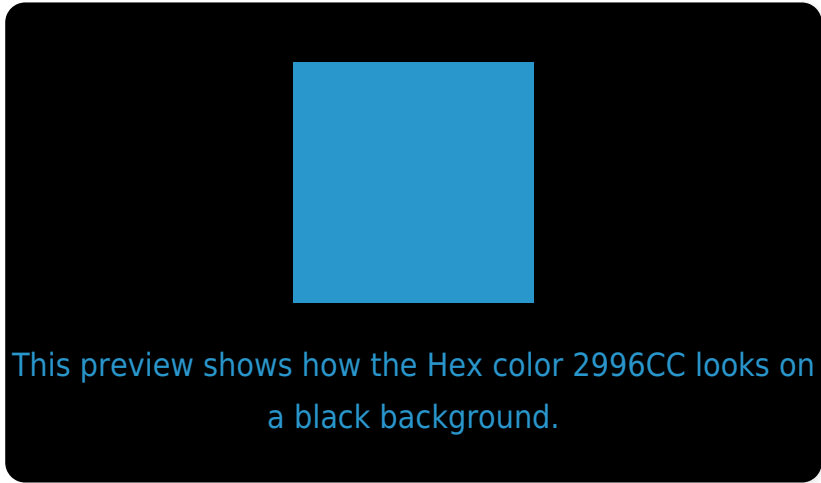
Large Text (above 18pt) WCAG AA ✓ Pass

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 2996CC Background



This preview shows how black text looks on a background with the Hex color 2996CC.

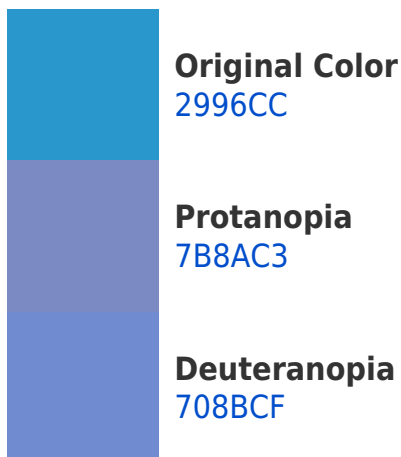


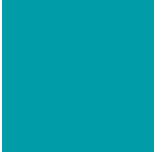
This preview shows how white text looks on a background with the Hex color 2996CC.

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](#).

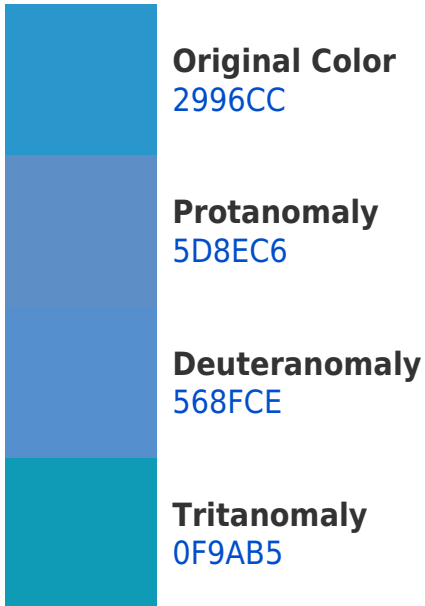
Dichromacy



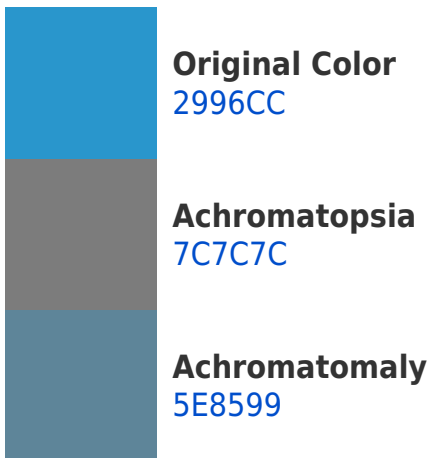


Tritanopia
009CA8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2996CC 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 #2996CC looks like.

```
.text, #text, p{  
    color:#2996CC  
}
```

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 #2996CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2996CC
}
```

Border

The CSS property to change the border of an element to Hex 2996CC 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
#2996CC }
```

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

```
.border{ border-color:#2996CC }
```

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

Here you see how a box with a 4 pixel #2996CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2996CC; -webkit-box-shadow:4px 4px  
4px 4px #2996CC; box-shadow:4px 4px 4px  
4px #2996CC }
```

Background

The CSS property to change the background color of an element to Hex 2996CC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2996CC }
```

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

```
.background{ background-color:#2996CC }
```

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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