

Converting Colors

Hex(2675CC)

Have a look what the booklet for
Hex(2675CC) contains.

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Color

Hex(2675CC)

Conversions

Conversions Part 1

Format	Color
Hex	2675CC
RGB	38, 117, 204
RGB Percent	15%, 46%, 80%
CMY	0.8510, 0.5412, 0.2000
CMYK	0.81, 0.43, 0.00, 0.20
HSL	211°, 69%, 47%
HSV	211°, 81%, 80%
XYZ	18.0597, 17.4943, 59.5516
YIQ	103.2970, -75.0110, 10.3090

Conversions

Conversions Part 2

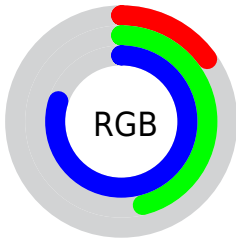
Format	Color
R_{YB}	38, 92, 204
Decimal	2520524
CIE Lab	48.88, 7.81, -51.70
CIE LCh	49, 52.288, 278.587
Yxy	17.4943, 0.1899, 0.1839
Android (android.graphics.Color)	4280710604 (0xFF2675CC)
YUV	103.2970, 49.6466, -57.2655
Hunter-Lab	41.8262, 3.8769, -55.1381

Details

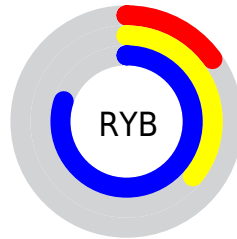
The Hex color **2675CC** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark muted azure. A complement of this color would be **CC7D26**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **6EA9FF**, and **004695** is the 20% darker color. If you saturate the color by 10%, you get **126ACC**, and if you desaturate by 10%, it is **3A80CC**.

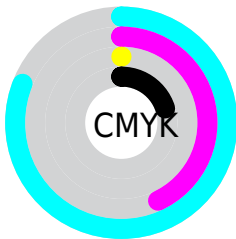
Distribution



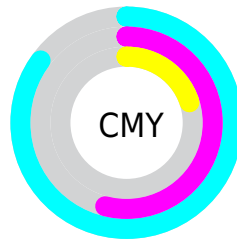
- Red (15%)
- Green (46%)
- Blue (80%)



- Red (15%)
- Yellow (36%)
- Blue (80%)



- Cyan (81%)
- Magenta (43%)
- Yellow (0%)
- Black (20%)



- Cyan (85%)
- Magenta (54%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2675CC 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 2675CC by changing the saturation by 10% instead.

■ 2675CC

■ 2675CC

FFFFFF

■ 005DB0

■ 6EA9FF

■ 004695

■ 8DC4FF

■ 00307B

■ ABDFFF

■ 001D61

■ C9FCFF

■ 000649

■ E7FFFF

■ 000431

■ 00011C

■ 000000

■ 2675CC

■ 2675CC

■ 126ACC

■ 3A80CC

■ 0061CC

■ 4F8ACC

■ 6395CC

■ 78A0CC

■ 8CAACC

■ A0B5CC

■ B5C0CC

■ C9CBCC

■ DED5CC

Harmonies

Analogous

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



0081C6



2675CC



8663BA

Triad

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



2675CC



BD543F



008752

Complementary

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



2675CC



CC7D26

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.



4F8129



2675CC



A4661C

Square

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



2675CC



C44969



7F760D



008980

Rectangle

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



2675CC



A756A3



7F760D



198543

Sweetspot

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



2675CC



C2DFFF



26CC7C



5B6C80



000000



808080

Same Dimension

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



2675CC



057CFF



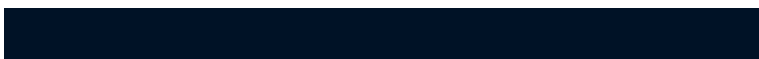
2926CC



5C6166



004FA6



001226

Inverse Universe

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



CC2675



FF057C



C9CC26



665C61



A6004F



260012

Previews

White Background



This preview shows how the Hex color 2675CC looks on a white background.

Color Contrast Check

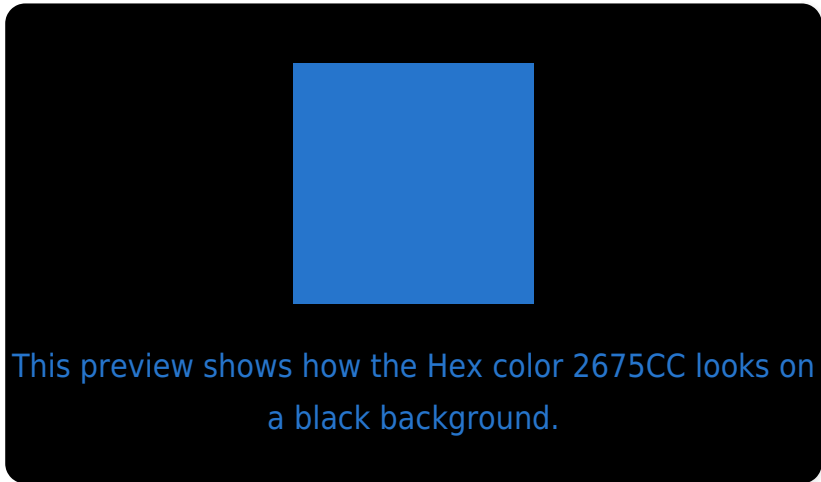
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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 2675CC Background



This preview shows how black text looks on a background with the Hex color 2675CC.

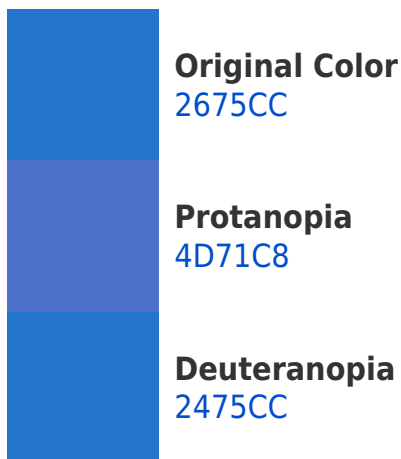


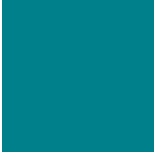
This preview shows how white text looks on a background with the Hex color 2675CC.

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](#).

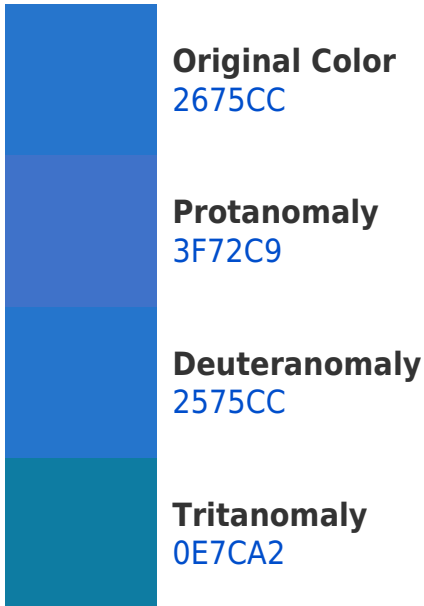
Dichromacy



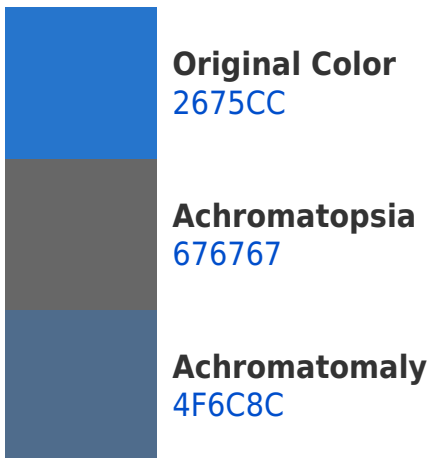


Tritanopia
00808A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2675CC 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 #2675CC looks like.

```
.text, #text, p{  
    color:#2675CC  
}
```

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 #2675CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2675CC  
}
```

Border

The CSS property to change the border of an element to Hex 2675CC 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  
#2675CC }
```

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

```
.border{ border-color:#2675CC }
```

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

Here you see how a box with a 4 pixel #2675CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2675CC; -webkit-box-shadow:4px 4px  
4px 4px #2675CC; box-shadow:4px 4px 4px  
4px #2675CC }
```

Background

The CSS property to change the background color of an element to Hex 2675CC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2675CC }
```

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

```
.background{ background-color:#2675CC }
```

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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