

Converting Colors

Hex(2680DB)

Have a look what the booklet for
Hex(2680DB) contains.

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Color

Hex(2680DB)

Conversions

Conversions Part 1

Format	Color
Hex	2680DB
RGB	38, 128, 219
RGB Percent	15%, 50%, 86%
CMY	0.8510, 0.4980, 0.1412
CMYK	0.83, 0.42, 0.00, 0.14
HSL	210°, 72%, 50%
HSV	210°, 83%, 86%
XYZ	21.3047, 20.9649, 69.9416
YIQ	111.4640, -82.8510, 9.2210

Conversions

Conversions Part 2

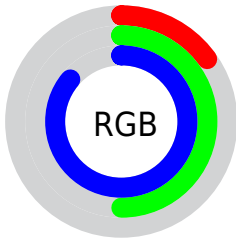
Format	Color
R _Y B	38, 98, 219
Decimal	2523355
CIE Lab	52.91, 6.70, -53.75
CIE LCh	53, 54.169, 277.100
Yxy	20.9649, 0.1899, 0.1868
Android (android.graphics.Color)	4280713435 (0xFF2680DB)
YUV	111.4640, 53.0152, -64.4279
Hunter-Lab	45.7874, 2.9272, -58.5159

Details

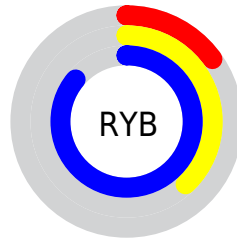
The Hex color **2680DB** is a dark color, and the websafe version is hex **3399FF**. The color can be described as dark washed azure. A complement of this color would be **DB8126**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **71B4FF**, and **0050A3** is the 20% darker color. If you saturate the color by 10%, you get **1075DB**, and if you desaturate by 10%, it is **3C8BDB**.

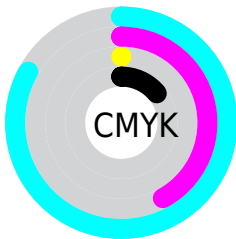
Distribution



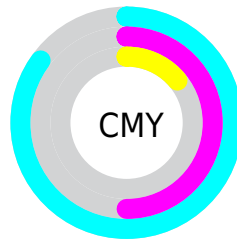
- Red (15%)
- Green (50%)
- Blue (86%)



- Red (15%)
- Yellow (38%)
- Blue (86%)



- Cyan (83%)
- Magenta (42%)
- Yellow (0%)
- Black (14%)



- Cyan (85%)
- Magenta (50%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2680DB 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 2680DB by changing the saturation by 10% instead.

 2680DB


 2680DB

FFFFFF

 0067BF


 71B4FF

 0050A3

 91D0FF

 003A89

 AFECFF

 00256F

 CEFFFF

 001056

 EDFFFF

 00063E

 000327

 000110

 000000

■ 2680DB

■ 2680DB

■ 1075DB

■ 3C8BDB

■ 006DDB

■ 5296DB

■ 68A1DB

■ 7EACDB

■ 93B7DB

■ A9C2DB

■ BFCDDDB

■ D5D8DB

■ EBE3DB

Harmonies

Analogous

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



008DD4



2680DB



8E6DC9

Triad

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



2680DB



CC5C49



009258

Complementary

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



2680DB



DB8126

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.



5B8B2E



2680DB



B36F24

Square

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



2680DB



D25175



8C8014



009588

Rectangle

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



2680DB



B25FB2



8C8014



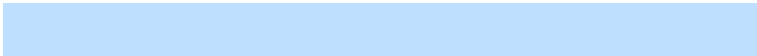
289049

Sweetspot

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



2680DB



BFDFFF



26DB81



596C80



000000



808080

Same Dimension

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



2680DB



0380FF



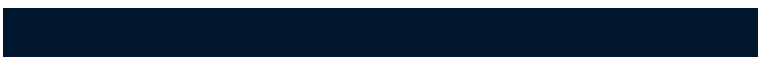
2626DB



63686E



0056AD



00172E

Inverse Universe

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



DB2680



FF0380



DBDB26



6E6368



AD0056



2E0017

Previews

White Background



This preview shows how the Hex color 2680DB looks on a white background.

Color Contrast Check

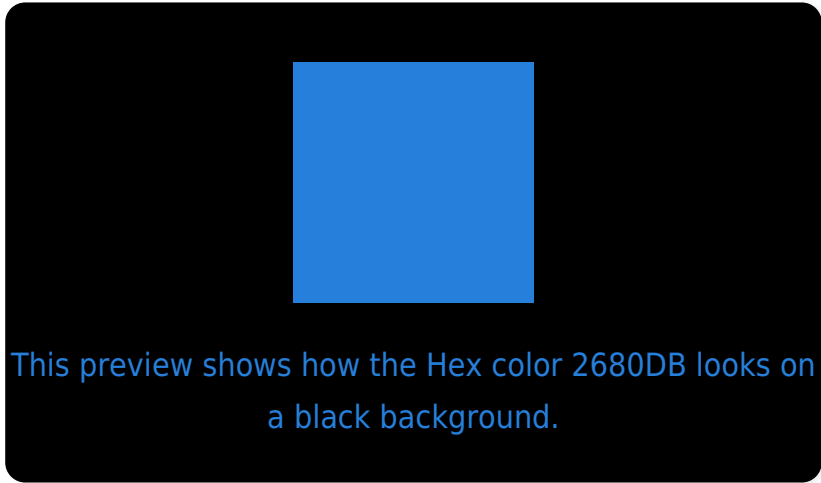
Large Text (above 18pt) WCAG AA ✓ Pass

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

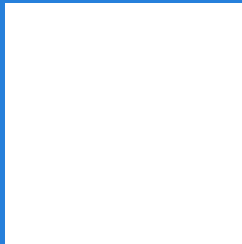
Any Text WCAG AAA × Fail

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

Hex 2680DB Background



This preview shows how black text looks on a background with the Hex color 2680DB.

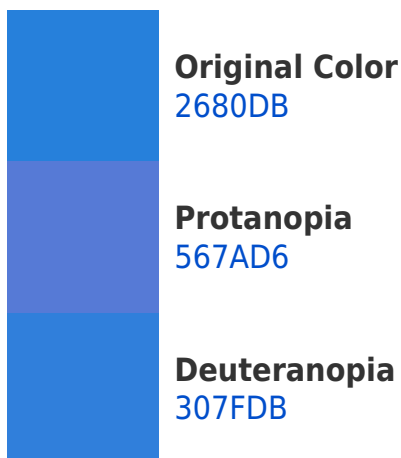


This preview shows how white text looks on a background with the Hex color 2680DB.

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](#).

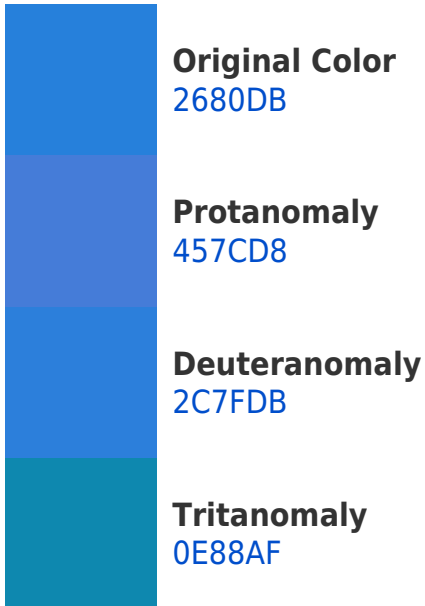
Dichromacy



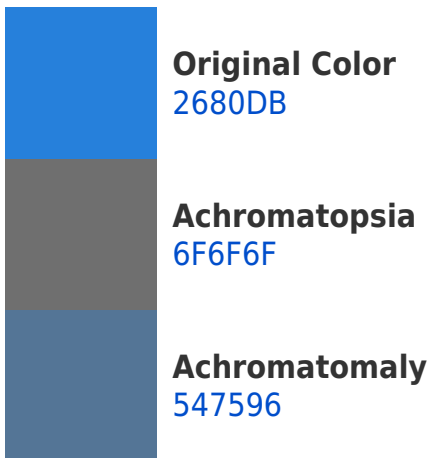


Tritanopia
008C96

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2680DB 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 #2680DB looks like.

```
.text, #text, p{  
    color:#2680DB  
}
```

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 #2680DB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2680DB
}
```

Border

The CSS property to change the border of an element to Hex 2680DB 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
#2680DB }
```

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

```
.border{ border-color:#2680DB }
```

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

Here you see how a box with a 4 pixel #2680DB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2680DB; -webkit-box-shadow:4px 4px  
4px 4px #2680DB; box-shadow:4px 4px 4px  
4px #2680DB }
```

Background

The CSS property to change the background color of an element to Hex 2680DB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2680DB }
```

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

```
.background{ background-color:#2680DB }
```

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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