

Converting Colors

Hex(2B68D8)

Have a look what the booklet for
Hex(2B68D8) contains.

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Color

Hex(2B68D8)

Conversions

Conversions Part 1

Format	Color
Hex	2B68D8
RGB	43, 104, 216
RGB Percent	17%, 41%, 85%
CMY	0.8314, 0.5922, 0.1529
CMYK	0.80, 0.52, 0.00, 0.15
HSL	219°, 69%, 51%
HSV	219°, 80%, 85%
XYZ	18.3412, 15.3721, 66.9662
YIQ	98.5290, -72.3080, 21.9000

Conversions

Conversions Part 2

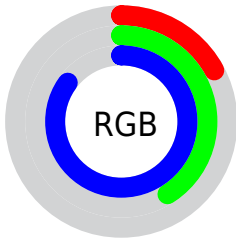
Format	Color
R_{YB}	43, 88, 216
Decimal	2844888
CIE _{Lab}	46.14, 21.09, -62.95
CIE _{LCh}	46, 66.386, 288.525
Yxy	15.3721, 0.1822, 0.1527
Android (android.graphics.Color)	4281034968 (0xFF2B68D8)
YUV	98.5290, 57.9132, -48.6989
Hunter-Lab	39.2073, 14.8900, -73.8225

Details

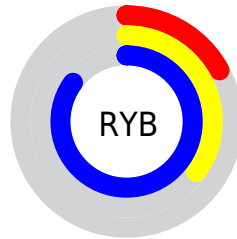
The Hex color **2B68D8** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed azure. A complement of this color would be **D89B2B**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **749AFF**, and **003AA0** is the 20% darker color. If you saturate the color by 10%, you get **155AD8**, and if you desaturate by 10%, it is **4176D8**.

Distribution



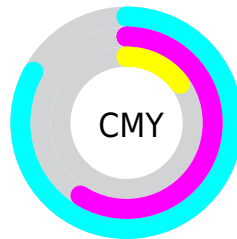
- Red (17%)
- Green (41%)
- Blue (85%)



- Red (17%)
- Yellow (35%)
- Blue (85%)



- Cyan (80%)
- Magenta (52%)
- Yellow (0%)
- Black (15%)



- Cyan (83%)
- Magenta (59%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B68D8 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 2B68D8 by changing the saturation by 10% instead.

 2B68D8

 2B68D8

FFFFFF

 0050BC

 749AFF

 003AA0

 93B5FF

 002685

 B2D1FF

 00146B

 D0EDFF

 000852

 EFFFFFF

 00063A

 000224

 00000B

 000000

■ 2B68D8

■ 2B68D8

■ 155AD8

■ 4176D8

■ 004CD8

■ 5684D8

■ 6C92D8

■ 81A0D8

■ 97AED8

■ ADBCD8

■ C2CAD8

■ D8D8D8

■ EDE6D8

Harmonies

Analogous

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



007ADB



2B68D8



994CB8

Triad

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



2B68D8



BB4917



008455

Complementary

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



2B68D8



D89B2B

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.



077F18



2B68D8



966300

Square

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



2B68D8



CD2C4E



647500



00868F

Rectangle

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



2B68D8



BA3697



647500



008342

Sweetspot

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



2B68D8



C2D7FF



2BD899



5B6880



000000



808080

Same Dimension

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



2B68D8



0A61FF



422BD8



60646B



003CAB



000F2B

Inverse Universe

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



D82B68



FF0A61



C1D82B



6B6064



AB003C



2B000F

Previews

White Background



This preview shows how the Hex color 2B68D8 looks on a white background.

Color Contrast Check

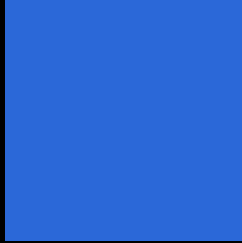
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 2B68D8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

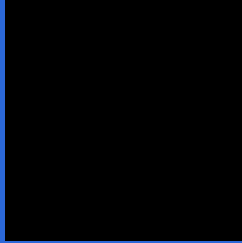
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

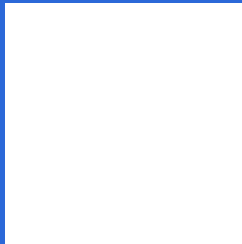
Any Text WCAG AAA × Fail

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

Hex 2B68D8 Background



This preview shows how black text looks on a background with the Hex color 2B68D8.



This preview shows how white text looks on a background with the Hex color 2B68D8.

Color Blindness Simulation

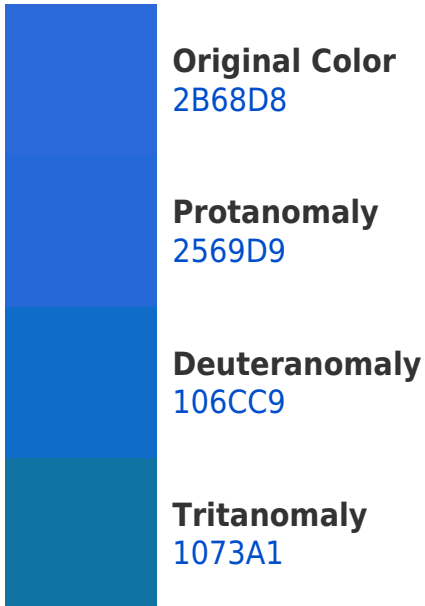
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2B68D8 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 #2B68D8 looks like.

```
.text, #text, p{  
    color:#2B68D8  
}
```

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 #2B68D8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B68D8
}
```

Border

The CSS property to change the border of an element to Hex 2B68D8 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
#2B68D8 }
```

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

```
.border{ border-color:#2B68D8 }
```

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

Here you see how a box with a 4 pixel #2B68D8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B68D8; -webkit-box-shadow:4px 4px  
4px 4px #2B68D8; box-shadow:4px 4px 4px  
4px #2B68D8 }
```

Background

The CSS property to change the background color of an element to Hex 2B68D8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B68D8 }
```

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

```
.background{ background-color:#2B68D8 }
```

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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