

Converting Colors

Hex(2A80C9)

Have a look what the booklet for
Hex(2A80C9) contains.

Hex(2A80C9)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(2A80C9)

Conversions

Conversions Part 1

Format	Color
Hex	2A80C9
RGB	42, 128, 201
RGB Percent	16%, 50%, 79%
CMY	0.8353, 0.4980, 0.2118
CMYK	0.79, 0.36, 0.00, 0.21
HSL	208°, 65%, 48%
HSV	208°, 79%, 79%
XYZ	19.2166, 20.1476, 58.1344
YIQ	110.6080, -74.6890, 4.4710

Conversions

Conversions Part 2

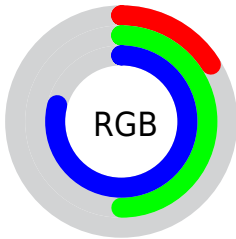
Format	Color
R_{YB}	42, 98, 201
Decimal	2785481
CIE Lab	52.00, 0.34, -45.00
CIE LCh	52, 45.005, 270.434
Yxy	20.1476, 0.1971, 0.2066
Android (android.graphics.Color)	4280975561 (0xFF2A80C9)
YUV	110.6080, 44.5633, -60.1692
Hunter-Lab	44.8861, -2.1313, -45.3694

Details

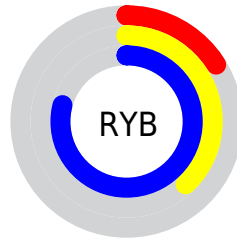
The Hex color **2A80C9** is a dark color, and the websafe version is hex **336699**. The color can be described as dark muted azure. A complement of this color would be **C9732A**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **70B4FF**, and **004F92** is the 20% darker color. If you saturate the color by 10%, you get **1677C9**, and if you desaturate by 10%, it is **3E89C9**.

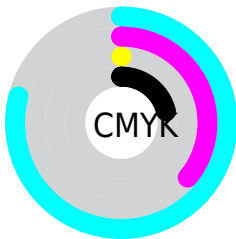
Distribution



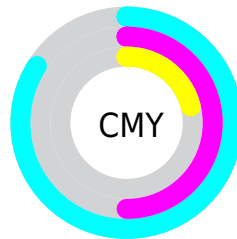
- Red (16%)
- Green (50%)
- Blue (79%)



- Red (16%)
- Yellow (38%)
- Blue (79%)



- Cyan (79%)
- Magenta (36%)
- Yellow (0%)
- Black (21%)



- Cyan (84%)
- Magenta (50%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A80C9 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 2A80C9 by changing the saturation by 10% instead.

■ 2A80C9

■ 2A80C9

FFFFFF

■ 0067AD

■ 70B4FF

■ 004F92

■ 8ED0FF

■ 003978

■ ACECFF

■ 00245F

■ CAFFFF

■ 000E47

■ E8FFFF

■ 000430

■ 00011A

■ 000000

■ 2A80C9

■ 2A80C9

■ 1677C9

■ 3E89C9

■ 026EC9

■ 5292C9

■ 006DC9

■ 669CC9

■ 7AA5C9

■ 8FAEC9

■ A3B7C9

■ B7C1C9

■ CBCAC9

■ DFD3C9

Harmonies

Analogous

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



008ABE



2A80C9



7E72BF

Triad

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



2A80C9



C15F57



358C54

Complementary

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



2A80C9



C9732A

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.



6A8536



2A80C9



AF6C39

Square

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



2A80C9



C15A7D



917A2B



008F7B

Rectangle

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



2A80C9



9F67AE



917A2B



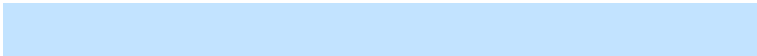
4A8A49

Sweetspot

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



2A80C9



C2E3FF



2AC972



5B6F80



000000



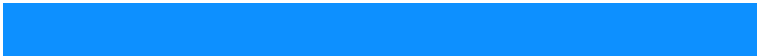
808080

Same Dimension

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



2A80C9



0D90FF



2A32C9



5A5F63



0058A3



001324

Inverse Universe

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



C92A80



FF0D90



C9C12A



635A5F



A30058



240013

Previews

White Background



This preview shows how the Hex color 2A80C9 looks on a white background.

Color Contrast Check

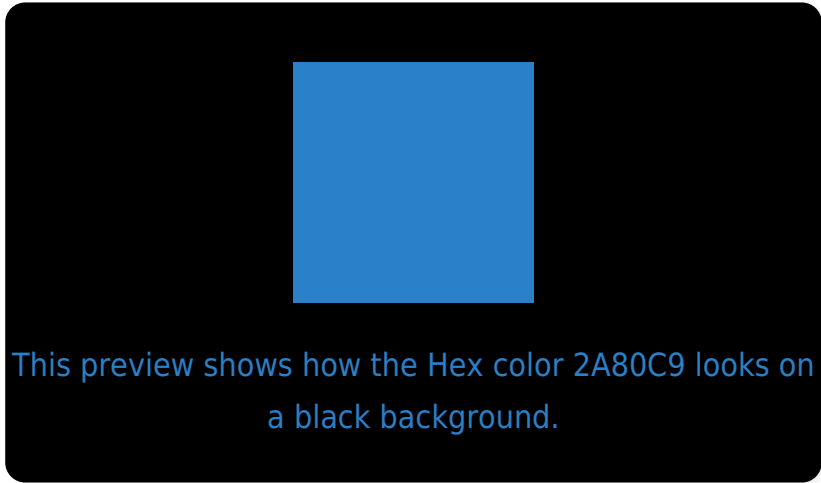
Large Text (above 18pt) WCAG AA ✓ Pass

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

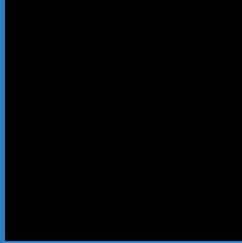
Any Text WCAG AA ✓ Pass

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 2A80C9 Background



This preview shows how black text looks on a background with the Hex color 2A80C9.

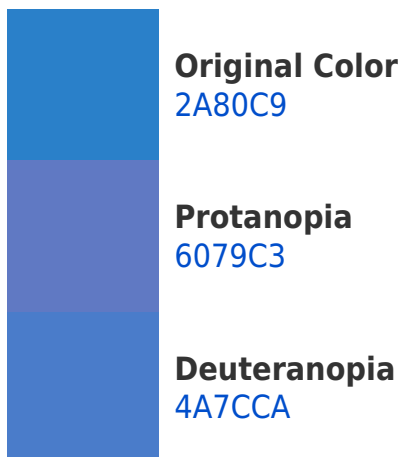


This preview shows how white text looks on a background with the Hex color 2A80C9.

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](#).

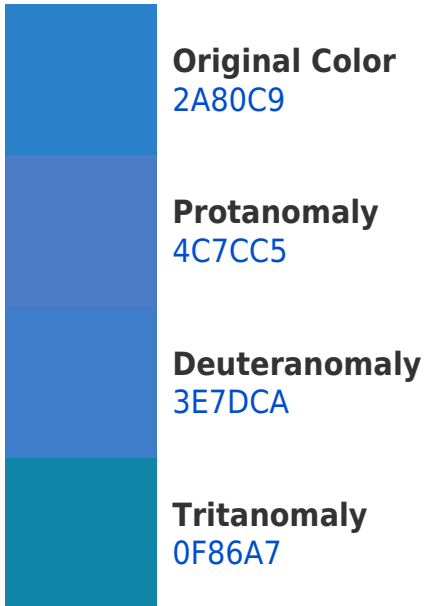
Dichromacy



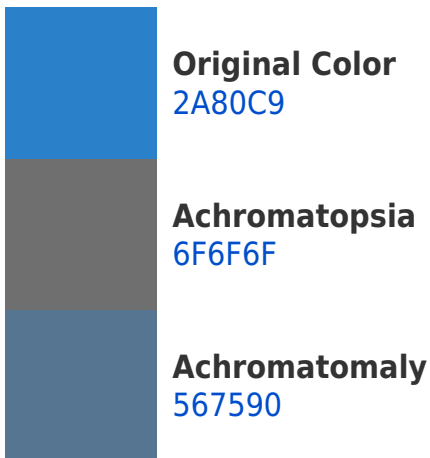


Tritanopia
008993

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2A80C9 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 #2A80C9 looks like.

```
.text, #text, p{  
    color:#2A80C9  
}
```

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 #2A80C9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A80C9
}
```

Border

The CSS property to change the border of an element to Hex 2A80C9 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
#2A80C9 }
```

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

```
.border{ border-color:#2A80C9 }
```

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

Here you see how a box with a 4 pixel #2A80C9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A80C9; -webkit-box-shadow:4px 4px  
4px 4px #2A80C9; box-shadow:4px 4px 4px  
4px #2A80C9 }
```

Background

The CSS property to change the background color of an element to Hex 2A80C9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A80C9 }
```

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

```
.background{ background-color:#2A80C9 }
```

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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