

Converting Colors

Hex(2071C8)

Have a look what the booklet for
Hex(2071C8) contains.

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Color

Hex(2071C8)

Conversions

Conversions Part 1

Format	Color
Hex	2071C8
RGB	32, 113, 200
RGB Percent	13%, 44%, 78%
CMY	0.8745, 0.5569, 0.2157
CMYK	0.84, 0.43, 0.00, 0.22
HSL	211°, 72%, 45%
HSV	211°, 84%, 78%
XYZ	16.9261, 16.2875, 56.8953
YIQ	98.6990, -76.2030, 9.8850

Conversions

Conversions Part 2

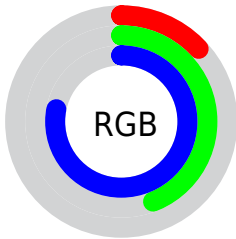
Format	Color
R_{YB}	32, 87, 200
Decimal	2126280
CIE Lab	47.35, 8.25, -51.87
CIE LCh	47, 52.518, 279.034
Yxy	16.2875, 0.1878, 0.1808
Android (android.graphics.Color)	4280316360 (0xFF2071C8)
YUV	98.6990, 49.9414, -58.4950
Hunter-Lab	40.3577, 4.2373, -55.3351

Details

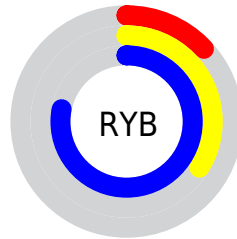
The Hex color **2071C8** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark muted azure. A complement of this color would be **C87720**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **6AA4FF**, and **004291** is the 20% darker color. If you saturate the color by 10%, you get **0C67C8**, and if you desaturate by 10%, it is **347BC8**.

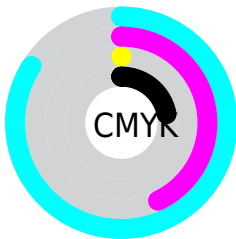
Distribution



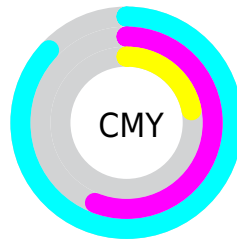
- Red (13%)
- Green (44%)
- Blue (78%)



- Red (13%)
- Yellow (34%)
- Blue (78%)



- Cyan (84%)
- Magenta (43%)
- Yellow (0%)
- Black (22%)



- Cyan (87%)
- Magenta (56%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2071C8 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 2071C8 by changing the saturation by 10% instead.

■ 2071C8

■ 2071C8

FFFFFF

■ 0059AC

■ 6AA4FF

■ 004291

■ 89BFFF

■ 002D77

■ A7DBFF

■ 001A5E

■ C5F7FF

■ 000846

■ E4FFFF

■ 00042E

■ 000119

■ 000000

■ 2071C8

■ 2071C8

■ 0C67C8

■ 347BC8

■ 0060C8

■ 4886C8

■ 5C90C8

■ 709AC8

■ 84A5C8

■ 98AFC8

■ ACBAC8

■ C0C4C8

■ D4CEC8

Harmonies

Analogous

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



007DC3



2071C8



835FB5

Triad

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



2071C8



B8503B



00834F

Complementary

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



2071C8



C87720

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.



4A7D25



2071C8



9F6317

Square

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



2071C8



C04465



7A7206



00857D

Rectangle

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



2071C8



A4519E



7A7206



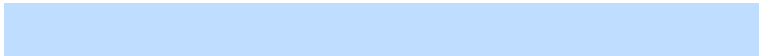
0D8140

Sweetspot

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



2071C8



BFDEFF



20C877



596C80



000000



808080

Same Dimension

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



2071C8



007BFF



2320C8



5A5E63



004FA3



001124

Inverse Universe

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



C82071



FF007B



C5C820



635A5E



A3004F



240011

Previews

White Background



This preview shows how the Hex color 2071C8 looks on a white background.

Color Contrast Check

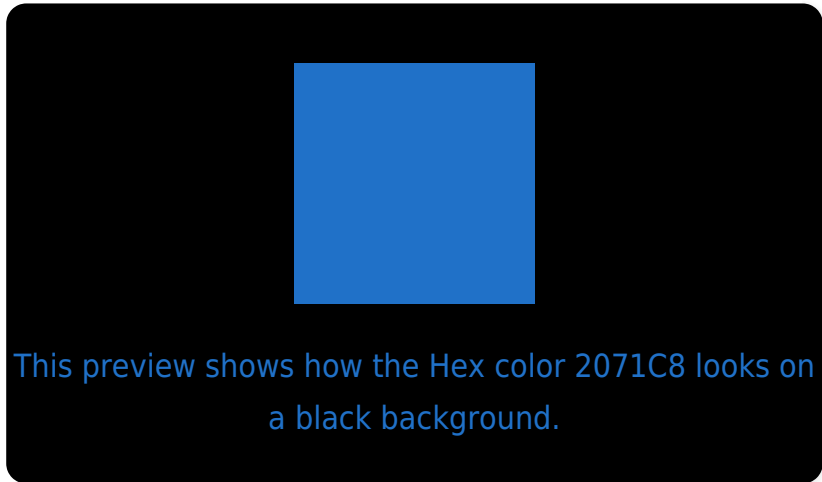
Large Text (above 18pt) WCAG AA ✓ Pass

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

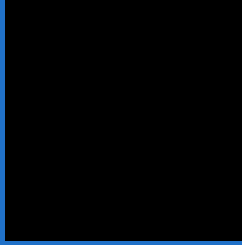
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

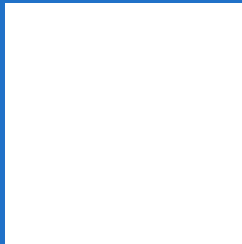
Any Text WCAG AAA × Fail

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

Hex 2071C8 Background



This preview shows how black text looks on a background with the Hex color 2071C8.

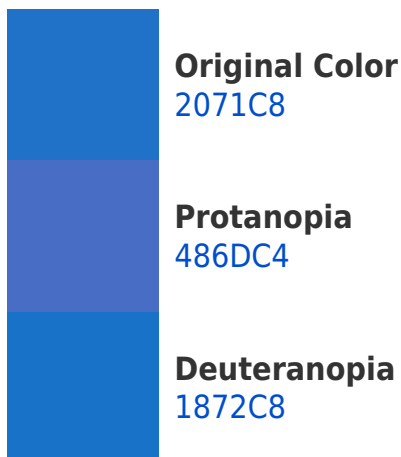


This preview shows how white text looks on a background with the Hex color 2071C8.

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](#).

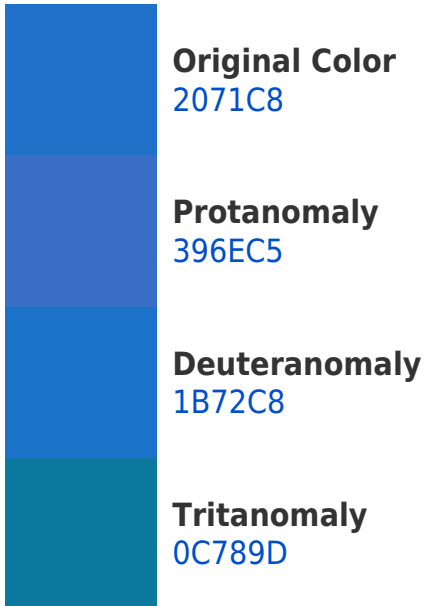
Dichromacy





Tritanopia
007C85

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2071C8 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 #2071C8 looks like.

```
.text, #text, p{  
    color:#2071C8  
}
```

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 #2071C8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2071C8
}
```

Border

The CSS property to change the border of an element to Hex 2071C8 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
#2071C8 }
```

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

```
.border{ border-color:#2071C8 }
```

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

Here you see how a box with a 4 pixel #2071C8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2071C8; -webkit-box-shadow:4px 4px  
4px 4px #2071C8; box-shadow:4px 4px 4px  
4px #2071C8 }
```

Background

The CSS property to change the background color of an element to Hex 2071C8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2071C8 }
```

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

```
.background{ background-color:#2071C8 }
```

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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