

Converting Colors

Hex(2168C2)

Have a look what the booklet for
Hex(2168C2) contains.

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Color

Hex(2168C2)

Conversions

Conversions Part 1

Format	Color
Hex	2168C2
RGB	33, 104, 194
RGB Percent	13%, 41%, 76%
CMY	0.8706, 0.5922, 0.2392
CMYK	0.83, 0.46, 0.00, 0.24
HSL	214°, 71%, 45%
HSV	214°, 83%, 76%
XYZ	15.3151, 14.1190, 52.9570
YIQ	93.0310, -71.2060, 12.9380

Conversions

Conversions Part 2

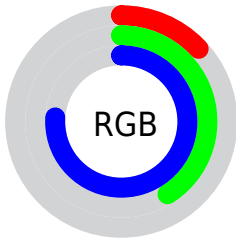
Format	Color
R_{YB}	33, 82, 194
Decimal	2189506
CIE _{Lab}	44.40, 11.72, -53.14
CIE _{LCh}	44, 54.418, 282.440
Y _{xy}	14.1190, 0.1859, 0.1714
Android (android.graphics.Color)	4280379586 (0xFF2168C2)
YUV	93.0310, 49.7777, -52.6472
Hunter-Lab	37.5753, 6.9972, -57.2581

Details

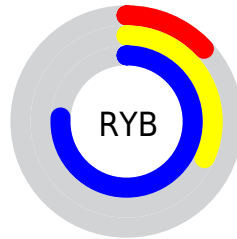
The Hex color **2168C2** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark muted azure. A complement of this color would be **C27B21**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **6A9BFB**, and **003A8C** is the 20% darker color. If you saturate the color by 10%, you get **0E5DC2**, and if you desaturate by 10%, it is **3473C2**.

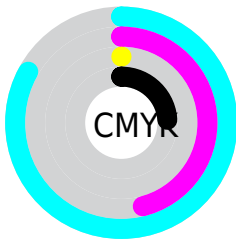
Distribution



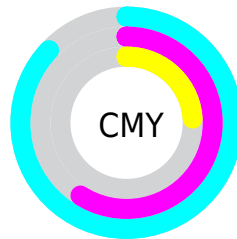
- Red (13%)
- Green (41%)
- Blue (76%)



- Red (13%)
- Yellow (32%)
- Blue (76%)



- Cyan (83%)
- Magenta (46%)
- Yellow (0%)
- Black (24%)



- Cyan (87%)
- Magenta (59%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2168C2 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 2168C2 by changing the saturation by 10% instead.

■ 2168C2

■ 2168C2

FFFFFF

■ 0050A6

■ 6A9BFB

■ 003A8C

■ 88B5FF

■ 002672

■ A6D1FF

■ 001158

■ C4EDFF

■ 000740

■ E2FFFF

■ 000329

■ 000113

■ 000000

■ 2168C2

■ 2168C2

■ 0E5DC2

■ 3473C2

■ 0056C2

■ 487EC2

■ 5B89C2

■ 6F93C2

■ 829EC2

■ 95A9C2

■ A9B4C2

■ BCBFC2

■ D0CAC2

Harmonies

Analogous

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



0075BF



2168C2



8354AC

Triad

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



2168C2



AF492E



007C4C

Complementary

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



2168C2



C27B21

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.



39771F



2168C2



945D02

Square

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



2168C2



BA3A58



6D6D00



007E7B

Rectangle

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



2168C2



A24694



6D6D00



007B3D

Sweetspot

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



2168C2



BDD9FC



21C27A



596A80



000000



808080

Same Dimension

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



2168C2



006FFC



2921C2



575B61



0047A1



000F21

Inverse Universe

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



C22168



FC006F



BAC221



61575B



A10047



21000F

Previews

White Background



This preview shows how the Hex color 2168C2 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 2168C2 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 2168C2 Background



This preview shows how black text looks on a background with the Hex color 2168C2.



This preview shows how white text looks on a background with the Hex color 2168C2.

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](#).

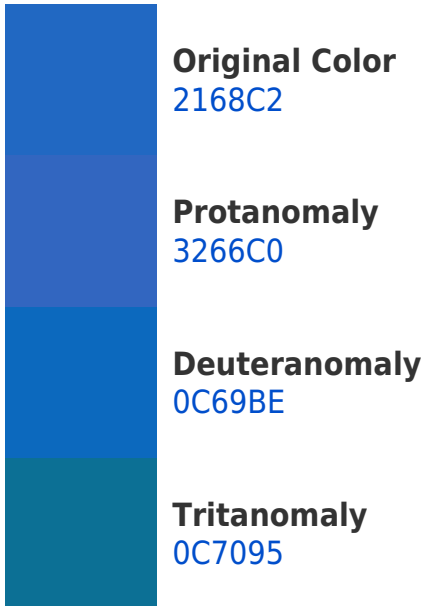
Dichromacy



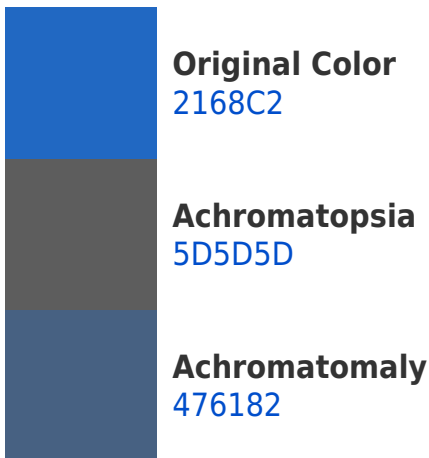


Tritanopia
00747C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2168C2 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 #2168C2 looks like.

```
.text, #text, p{  
    color:#2168C2  
}
```

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 #2168C2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2168C2
}
```

Border

The CSS property to change the border of an element to Hex 2168C2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

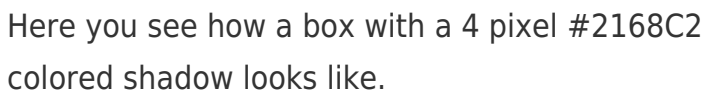
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2168C2 }
```

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

```
.border{ border-color:#2168C2 }
```

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



Here you see how a box with a 4 pixel #2168C2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2168C2; -webkit-box-shadow:4px 4px  
4px 4px #2168C2; box-shadow:4px 4px 4px  
4px #2168C2 }
```

Background

The CSS property to change the background color of an element to Hex 2168C2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2168C2 }
```

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

```
.background{ background-color:#2168C2 }
```

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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