

Converting Colors

Hex(2040C6)

Have a look what the booklet for
Hex(2040C6) contains.

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Color

Hex(2040C6)

Conversions

Conversions Part 1

Format	Color
Hex	2040C6
RGB	32, 64, 198
RGB Percent	13%, 25%, 78%
CMY	0.8745, 0.7490, 0.2235
CMYK	0.84, 0.68, 0.00, 0.22
HSL	228°, 72%, 45%
HSV	228°, 84%, 78%
XYZ	12.6221, 8.0511, 54.3148
YIQ	69.7080, -62.0860, 34.8900

Conversions

Conversions Part 2

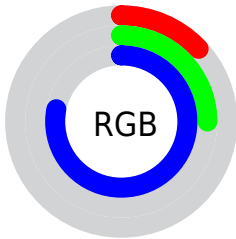
Format	Color
R_{YB}	32, 59, 198
Decimal	2113734
CIE _{Lab}	34.09, 39.19, -72.26
CIE _{LCh}	34, 82.202, 298.476
Yxy	8.0511, 0.1683, 0.1074
Android (android.graphics.Color)	4280303814 (0xFF2040C6)
YUV	69.7080, 63.2480, -33.0699
Hunter-Lab	28.3744, 29.7488, -93.6319

Details

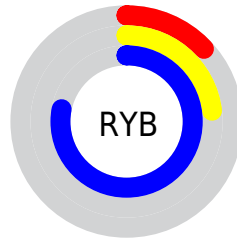
The Hex color **2040C6** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark muted blue. A complement of this color would be **C6A620**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **6D70FF**, and **00168F** is the 20% darker color. If you saturate the color by 10%, you get **0C30C6**, and if you desaturate by 10%, it is **3450C6**.

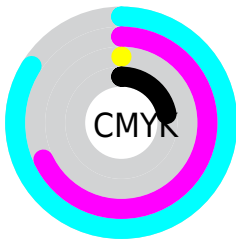
Distribution



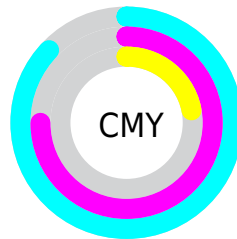
- Red (13%)
- Green (25%)
- Blue (78%)



- Red (13%)
- Yellow (23%)
- Blue (78%)



- Cyan (84%)
- Magenta (68%)
- Yellow (0%)
- Black (22%)



- Cyan (87%)
- Magenta (75%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2040C6 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 2040C6 by changing the saturation by 10% instead.

■ 2040C6

■ 2040C6

FFFFFF

■ 002AAA

■ 6D70FF

■ 00168F

■ 8C89FF

■ 000274

■ ABA4FF

■ 00035B

■ C9BFFF

■ 000742

■ E8DBFF

■ 00032B

■ FFF7FF

■ 000115

■ 000000

■ 2040C6

■ 2040C6

0C30C6

3450C6

0026C6

4860C6

5B70C6

6F80C6

8390C6

97A0C6

ABB0C6

BEC0C6

D2D0C6

Harmonies

Analogous

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



005CD7



2040C6



960096

Triad

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



2040C6



962A00



00674B

Complementary

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



2040C6



C6A620

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.



006400



2040C6



664D00

Square

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



2040C6



B40017



1D5D00



00698E

Rectangle

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



2040C6



B2006C



1D5D00



006734

Sweetspot

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



2040C6



BFC6FF



20C6A5



596180



000000



808080

Same Dimension

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



2040C6



0031FF



5220C6



5A5B63



001FA3



000724

Inverse Universe

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



C62040



FF0031



94C620



635A5B



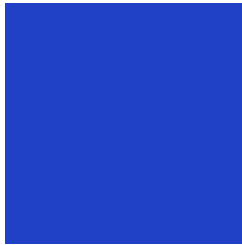
A3001F



240007

Previews

White Background



This preview shows how the Hex color 2040C6 looks on a white background.

Color Contrast Check

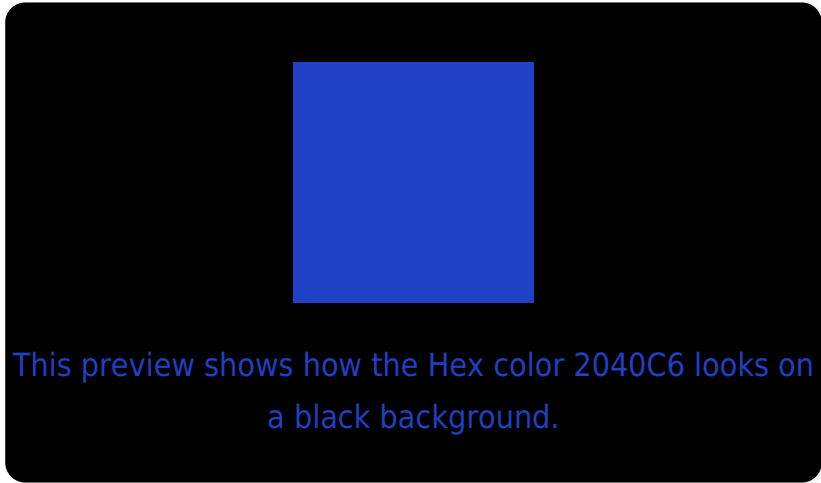
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

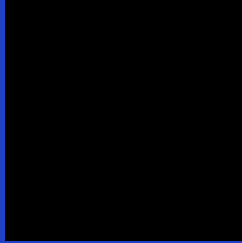
Any Text WCAG AA × Fail

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 2040C6 Background



This preview shows how black text looks on a background with the Hex color 2040C6.

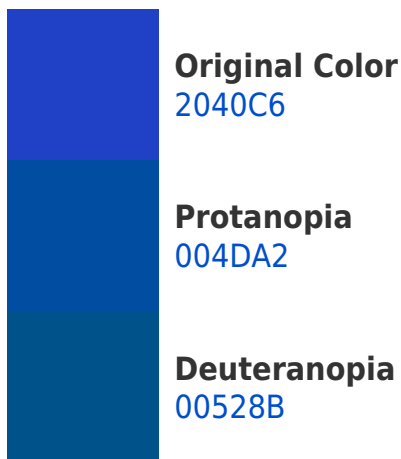


This preview shows how white text looks on a background with the Hex color 2040C6.

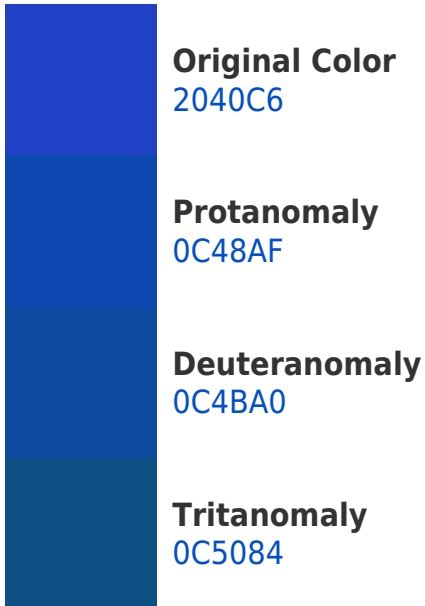
Color Blindness Simulation

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 2040C6 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 #2040C6 looks like.

```
.text, #text, p{  
    color:#2040C6  
}
```

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 #2040C6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2040C6
}
```

Border

The CSS property to change the border of an element to Hex 2040C6 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
#2040C6 }
```

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

```
.border{ border-color:#2040C6 }
```

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

Here you see how a box with a 4 pixel #2040C6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2040C6; -webkit-box-shadow:4px 4px  
4px 4px #2040C6; box-shadow:4px 4px 4px  
4px #2040C6 }
```

Background

The CSS property to change the background color of an element to Hex 2040C6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2040C6 }
```

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

```
.background{ background-color:#2040C6 }
```

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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