

Converting Colors

Hex(2048C7)

Have a look what the booklet for
Hex(2048C7) contains.

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Color

Hex(2048C7)

Conversions

Conversions Part 1

Format	Color
Hex	2048C7
RGB	32, 72, 199
RGB Percent	13%, 28%, 78%
CMY	0.8745, 0.7176, 0.2196
CMYK	0.84, 0.64, 0.00, 0.22
HSL	226°, 72%, 45%
HSV	226°, 84%, 78%
XYZ	13.2218, 9.0653, 55.0857
YIQ	74.5180, -64.6070, 31.0170

Conversions

Conversions Part 2

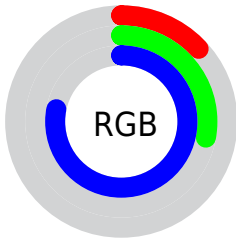
Format	Color
R _Y B	32, 64, 199
Decimal	2115783
CIE Lab	36.11, 34.46, -69.52
CIE LCh	36, 77.592, 296.368
Yxy	9.0653, 0.1709, 0.1172
Android (android.graphics.Color)	4280305863 (0xFF2048C7)
YUV	74.5180, 61.3696, -37.2883
Hunter-Lab	30.1087, 25.6957, -87.3987

Details

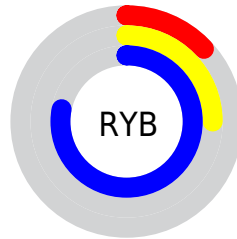
The Hex color **2048C7** is a dark color, and the websafe version is hex **003399**. The color can be described as dark muted blue. A complement of this color would be **C79F20**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **6C78FF**, and **001E90** is the 20% darker color. If you saturate the color by 10%, you get **0C39C7**, and if you desaturate by 10%, it is **3457C7**.

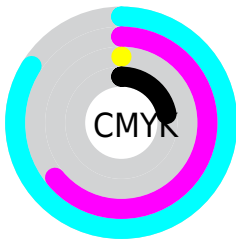
Distribution



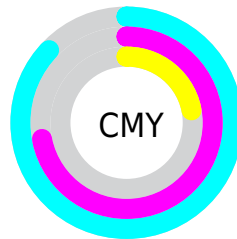
- Red (13%)
- Green (28%)
- Blue (78%)



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



- Cyan (84%)
- Magenta (64%)
- Yellow (0%)
- Black (22%)



- Cyan (87%)
- Magenta (72%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2048C7 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 2048C7 by changing the saturation by 10% instead.

 2048C7

 2048C7

FFFFFF

 0032AB

 6C78FF

 001E90

 8B92FF

 000C75

 AAACFF

 00005C

 C8C8FF

 000743

 E7E4FF

 00032C

 000116

 000000

 2048C7

 2048C7

■ 0C39C7

■ 3457C7

■ 0030C7

■ 4866C7

■ 5C75C7

■ 7085C7

■ 8494C7

■ 97A3C7

■ ABB2C7

■ BFC1C7

■ D3D0C7

Harmonies

Analogous

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



0061D4



2048C7



94109B

Triad

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



2048C7



9C2F00



006C4B

Complementary

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



2048C7



C79F20

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.



006900



2048C7



6F5000

Square

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



2048C7



B70023



306100



006D8B

Rectangle

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



2048C7



B10074



306100



006B35

Sweetspot

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



2048C7



BFCFFF



20C79D



596280



000000



808080

Same Dimension

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



2048C7



003DFF



4A20C7



5A5C63



0027A3



000924

Inverse Universe

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



C72048



FF003D



9DC720



635A5C



A30027



240009

Previews

White Background



This preview shows how the Hex color 2048C7 looks on a white background.

Color Contrast Check

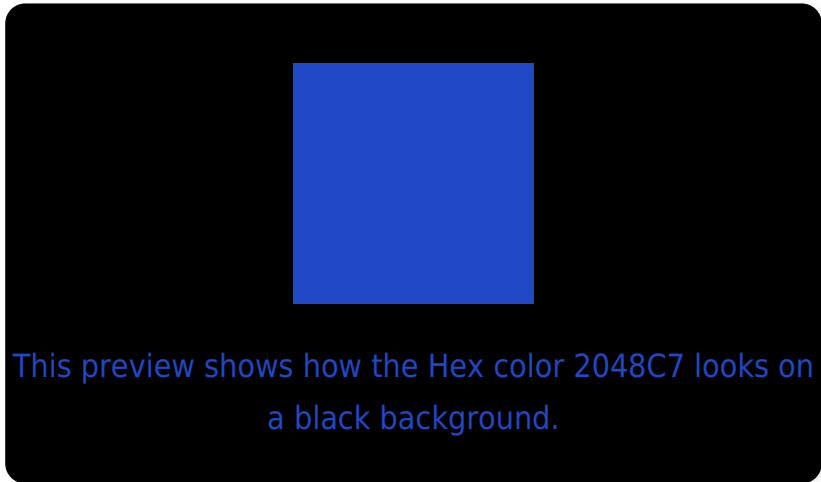
Large Text (above 18pt) WCAG AA ✓ Pass

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

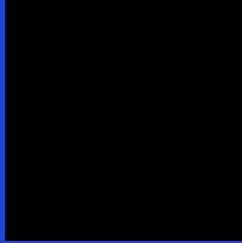
Any Text WCAG AA × Fail

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 2048C7 Background



This preview shows how black text looks on a background with the Hex color 2048C7.



This preview shows how white text looks on a background with the Hex color 2048C7.

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



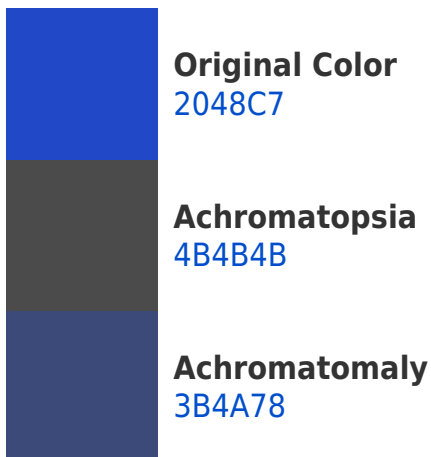


Tritanopia
005E63

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2048C7 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 #2048C7 looks like.

```
.text, #text, p{  
  color:#2048C7  
}
```

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 #2048C7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2048C7
}
```

Border

The CSS property to change the border of an element to Hex 2048C7 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
#2048C7 }
```

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

```
.border{ border-color:#2048C7 }
```

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

Here you see how a box with a 4 pixel #2048C7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2048C7; -webkit-box-shadow:4px 4px  
4px 4px #2048C7; box-shadow:4px 4px 4px  
4px #2048C7 }
```

Background

The CSS property to change the background color of an element to Hex 2048C7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2048C7 }
```

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

```
.background{ background-color:#2048C7 }
```

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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