

Converting Colors

Hex(2375CF)

Have a look what the booklet for
Hex(2375CF) contains.

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Color

Hex(2375CF)

Conversions

Conversions Part 1

Format	Color
Hex	2375CF
RGB	35, 117, 207
RGB Percent	14%, 46%, 81%
CMY	0.8627, 0.5412, 0.1882
CMYK	0.83, 0.43, 0.00, 0.19
HSL	211°, 71%, 47%
HSV	211°, 83%, 81%
XYZ	18.3169, 17.5849, 61.4603
YIQ	102.7420, -77.7620, 10.6060

Conversions

Conversions Part 2

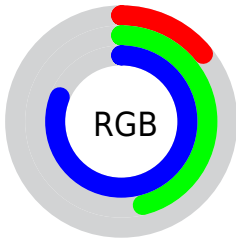
Format	Color
R_{YB}	35, 91, 207
Decimal	2323919
CIE _{Lab}	48.99, 8.68, -53.24
CIE _{LCh}	49, 53.942, 279.264
Yxy	17.5849, 0.1881, 0.1806
Android (android.graphics.Color)	4280513999 (0xFF2375CF)
YUV	102.7420, 51.3992, -59.4097
Hunter-Lab	41.9344, 4.5836, -57.5432

Details

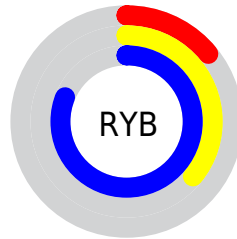
The Hex color **2375CF** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark muted azure. A complement of this color would be **CF7D23**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **6DA9FF**, and **004698** is the 20% darker color. If you saturate the color by 10%, you get **0E6ACF**, and if you desaturate by 10%, it is **3880CF**.

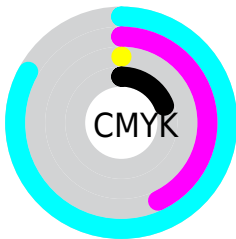
Distribution



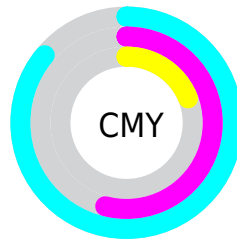
- Red (14%)
- Green (46%)
- Blue (81%)



- Red (14%)
- Yellow (36%)
- Blue (81%)



- Cyan (83%)
- Magenta (43%)
- Yellow (0%)
- Black (19%)



- Cyan (86%)
- Magenta (54%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2375CF 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 2375CF by changing the saturation by 10% instead.

 2375CF

 2375CF

FFFFFF

 005DB3

 6DA9FF

 004698

 8CC4FF

 00307D

 ABDFFF

 001D64

 C9FCFF

 00064B

 E7FFFF

 000434

 00021E

 000000

 2375CF

 2375CF

■ 0E6ACF

■ 3880CF

■ 0063CF

■ 4C8BCF

■ 6195CF

■ 76A0CF

■ 8BABCFF

■ 9FB6CF

■ B4C1CF

■ C9CCCF

■ DDD6CF

Harmonies

Analogous

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



0082CA



2375CF



8862BC

Triad

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



2375CF



BF533D



008852

Complementary

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



2375CF



CF7D23

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.



4C8227



2375CF



A56618

Square

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



2375CF



C64768



7E7706



008A82

Rectangle

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



2375CF



AA54A4



7E7706



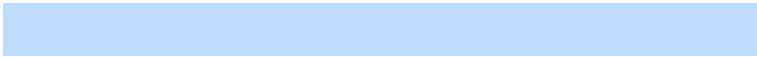
0C8643

Sweetspot

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



2375CF



BFDEFF



23CF7C



596B80



000000



808080

Same Dimension

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



2375CF



007AFF



2623CF



5E6369



0050A8



001329

Inverse Universe

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



CF2375



FF007A



CCCF23



695E63



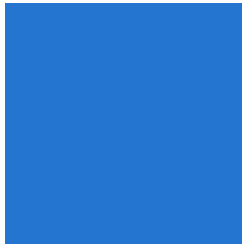
A80050



290013

Previews

White Background



This preview shows how the Hex color 2375CF looks on a white background.

Color Contrast Check

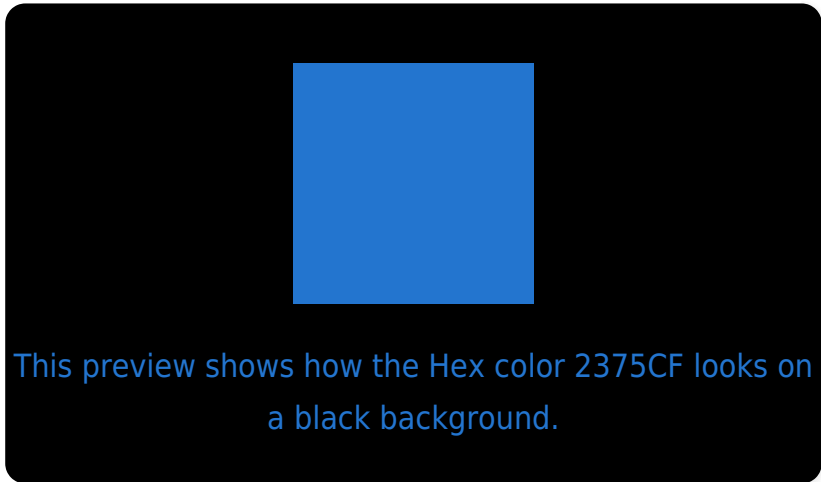
Large Text (above 18pt) WCAG AA ✓ Pass

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

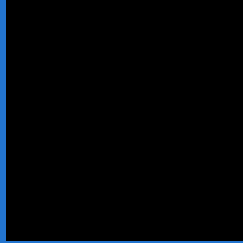
Any Text WCAG AA ✓ Pass

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 2375CF Background



This preview shows how black text looks on a background with the Hex color 2375CF.

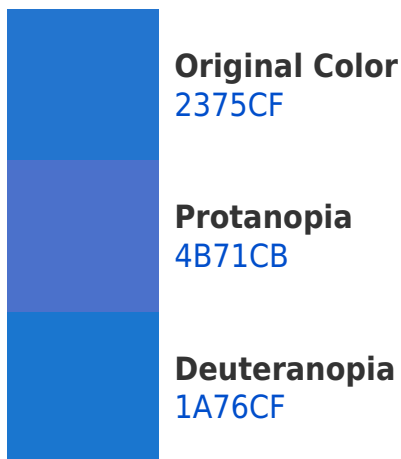


This preview shows how white text looks on a background with the Hex color 2375CF.

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](#).

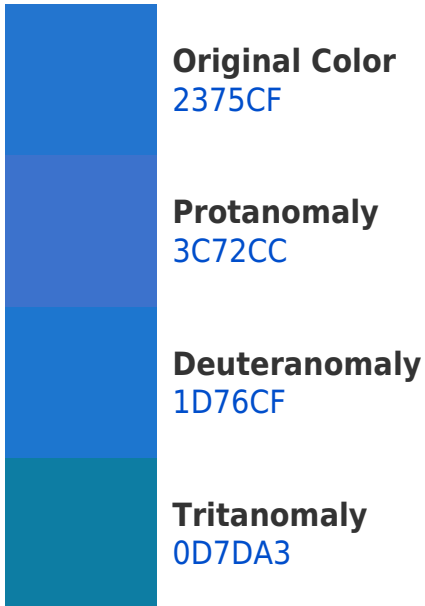
Dichromacy



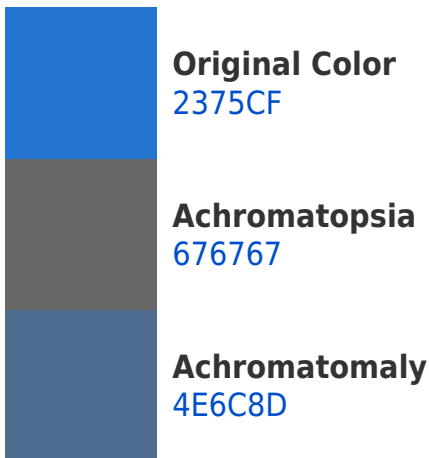


Tritanopia
00818A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2375CF 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 #2375CF looks like.

```
.text, #text, p{  
    color:#2375CF  
}
```

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 #2375CF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2375CF
}
```

Border

The CSS property to change the border of an element to Hex 2375CF is called "border". The border property can be set on classes, ids or directly on the HTML element.

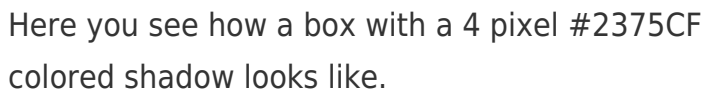
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2375CF }
```

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

```
.border{ border-color:#2375CF }
```

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



Here you see how a box with a 4 pixel #2375CF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2375CF; -webkit-box-shadow:4px 4px  
4px 4px #2375CF; box-shadow:4px 4px 4px  
4px #2375CF }
```

Background

The CSS property to change the background color of an element to Hex 2375CF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2375CF }
```

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

```
.background{ background-color:#2375CF }
```

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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