

Converting Colors

Hex(2385CE)

Have a look what the booklet for
Hex(2385CE) contains.

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Color

Hex(2385CE)

Conversions

Conversions Part 1

Format	Color
Hex	2385CE
RGB	35, 133, 206
RGB Percent	14%, 52%, 81%
CMY	0.8627, 0.4784, 0.1922
CMYK	0.83, 0.35, 0.00, 0.19
HSL	206°, 71%, 47%
HSV	206°, 83%, 81%
XYZ	20.2212, 21.5886, 61.4938
YIQ	112.0200, -81.8410, 1.9270

Conversions

Conversions Part 2

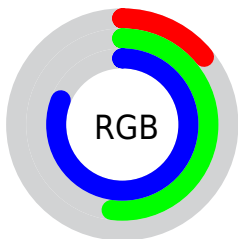
Format	Color
R _Y B	35, 97, 206
Decimal	2328014
CIE Lab	53.59, -1.46, -45.34
CIE LCh	54, 45.363, 268.156
Yxy	21.5886, 0.1957, 0.2090
Android (android.graphics.Color)	4280518094 (0xFF2385CE)
YUV	112.0200, 46.3321, -67.5465
Hunter-Lab	46.4635, -3.6268, -45.9449

Details

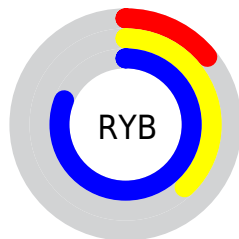
The Hex color **2385CE** is a dark color, and the websafe version is hex **6699CC**. The color can be described as dark muted azure. A complement of this color would be **CE6C23**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **6DBAFF**, and **005497** is the 20% darker color. If you saturate the color by 10%, you get **0E7CCE**, and if you desaturate by 10%, it is **388ECE**.

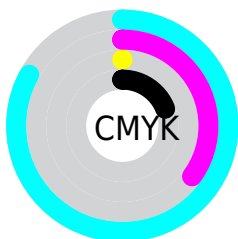
Distribution



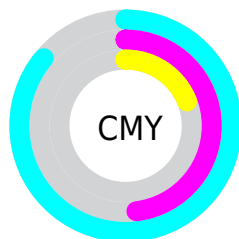
- Red (14%)
- Green (52%)
- Blue (81%)



- Red (14%)
- Yellow (38%)
- Blue (81%)



- Cyan (83%)
- Magenta (35%)
- Yellow (0%)
- Black (19%)



- Cyan (86%)
- Magenta (48%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2385CE 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 2385CE by changing the saturation by 10% instead.

 2385CE

 2385CE

FFFFFF

 006CB2

 6DBAFF

 005497

 8CD5FF

 003D7D

 AAF2FF

 002864

 C9FFFF

 00144B

 E7FFFF

 000434

 00021E

 000000

 2385CE

 2385CE

■ 0E7CCE

■ 388ECE

■ 0076CE

■ 4C97CE

■ 619FCE

■ 75A8CE

■ 8AB1CE

■ 9FBACE

■ B3C3CE

■ C8CBCE

■ DCD4CE

Harmonies

Analogous

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



008EC2



2385CE



7E77C5

Triad

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



2385CE



C7625D



3E9055

Complementary

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



2385CE



CE6C23

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.



718937



2385CE



B66F3E

Square

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



2385CE



C55E84



987D2E



00937C

Rectangle

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



2385CE



A16CB5



987D2E



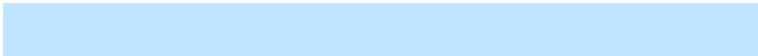
528E4A

Sweetspot

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



2385CE



BFE4FF



23CE6A



596F80



000000



808080

Same Dimension

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



2385CE



0092FF



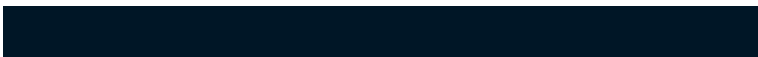
2331CE



5C6266



005FA6



001626

Inverse Universe

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



CE2385



FF0092



CEC023



665C62



A6005F



260016

Previews

White Background



This preview shows how the Hex color 2385CE looks on a white background.

Color Contrast Check

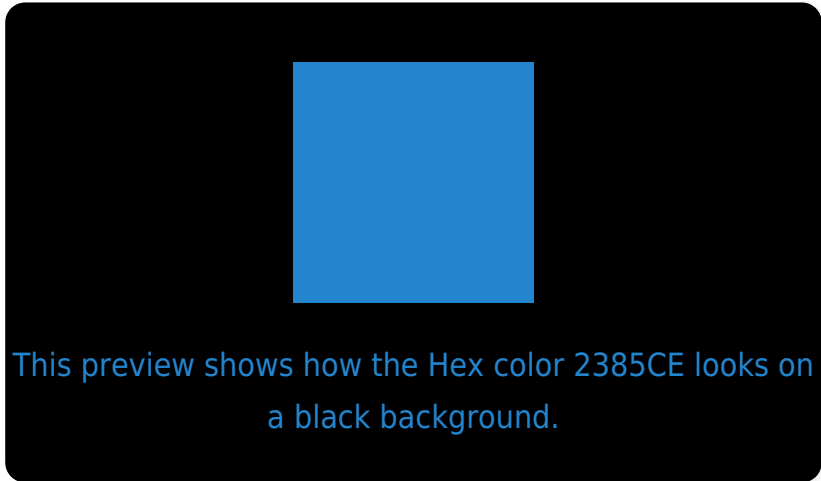
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

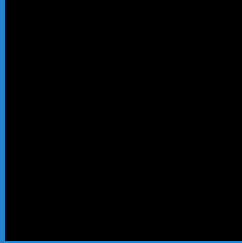
Any Text WCAG AA ✓ Pass

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 2385CE Background



This preview shows how black text looks on a background with the Hex color 2385CE.

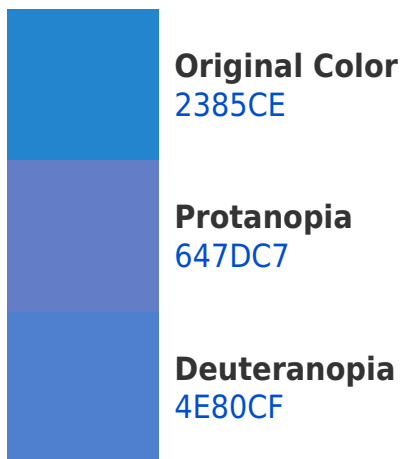


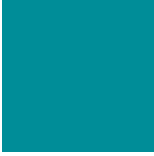
This preview shows how white text looks on a background with the Hex color 2385CE.

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](#).

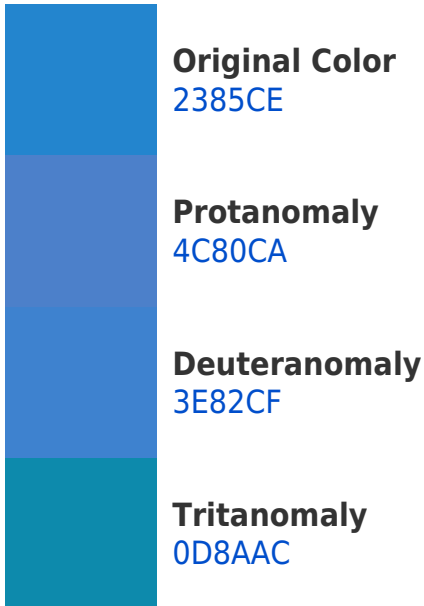
Dichromacy



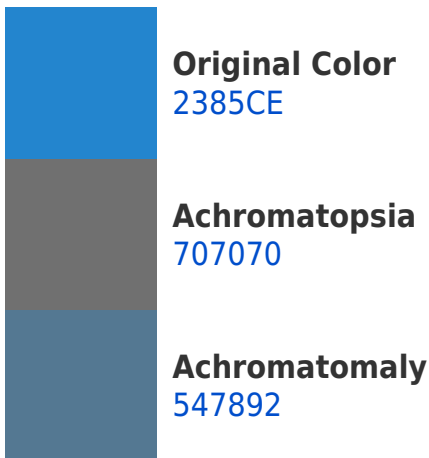


Tritanopia
008D98

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2385CE 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 #2385CE looks like.

```
.text, #text, p{  
    color:#2385CE  
}
```

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 #2385CE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2385CE
}
```

Border

The CSS property to change the border of an element to Hex 2385CE is called "border". The border property can be set on classes, ids or directly on the HTML element.

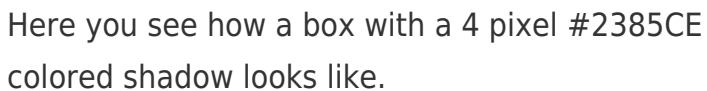
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2385CE }
```

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

```
.border{ border-color:#2385CE }
```

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



Here you see how a box with a 4 pixel #2385CE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2385CE; -webkit-box-shadow:4px 4px  
4px 4px #2385CE; box-shadow:4px 4px 4px  
4px #2385CE }
```

Background

The CSS property to change the background color of an element to Hex 2385CE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2385CE }
```

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

```
.background{ background-color:#2385CE }
```

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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