

Converting Colors

Hex(235BC5)

Have a look what the booklet for
Hex(235BC5) contains.

Hex(235BC5)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(235BC5)

Conversions

Conversions Part 1

Format	Color
Hex	235BC5
RGB	35, 91, 197
RGB Percent	14%, 36%, 77%
CMY	0.8627, 0.6431, 0.2275
CMYK	0.82, 0.54, 0.00, 0.23
HSL	219°, 70%, 45%
HSV	219°, 82%, 77%
XYZ	14.5123, 11.8707, 54.3497
YIQ	86.3400, -67.4020, 21.0940

Conversions

Conversions Part 2

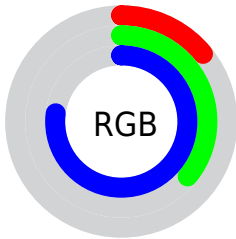
Format	Color
R_{YB}	35, 77, 197
Decimal	2317253
CIE _{Lab}	41.01, 21.51, -60.36
CIE _{LCh}	41, 64.076, 289.613
Yxy	11.8707, 0.1798, 0.1470
Android (android.graphics.Color)	4280507333 (0xFF235BC5)
YUV	86.3400, 54.5554, -45.0252
Hunter-Lab	34.4539, 14.8913, -69.4100

Details

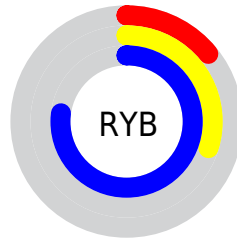
The Hex color **235BC5** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted blue. A complement of this color would be **C58D23**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **6C8CFE**, and **002F8E** is the 20% darker color. If you saturate the color by 10%, you get **0F4EC5**, and if you desaturate by 10%, it is **3768C5**.

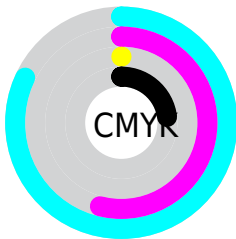
Distribution



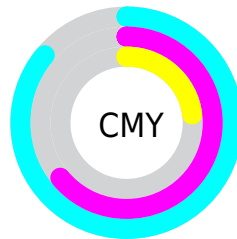
- Red (14%)
- Green (36%)
- Blue (77%)



- Red (14%)
- Yellow (30%)
- Blue (77%)



- Cyan (82%)
- Magenta (54%)
- Yellow (0%)
- Black (23%)



- Cyan (86%)
- Magenta (64%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color 235BC5 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 235BC5 by changing the saturation by 10% instead.

■ 235BC5

■ 235BC5

FFFFFF

■ 0044A9

■ 6C8CFE

■ 002F8E

■ 8AA7FF

■ 001B74

■ A9C2FF

■ 00005B

■ C7DDFF

■ 000742

■ E5FAFF

■ 00032B

■ 000115

■ 000000

■ 235BC5

■ 235BC5

■ 0F4EC5

■ 3768C5

■ 0044C5

■ 4A75C5

■ 5E82C5

■ 728FC5

■ 869BC5

■ 99A8C5

■ ADB5C5

■ C1C2C5

■ D4CFC5

Harmonies

Analogous

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



006DC9



235BC5



8C3FA6

Triad

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



235BC5



A83E0B



00764C

Complementary

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



235BC5



C58D23

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.



007210



235BC5



855800

Square

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



235BC5



BA1F41



556900



007783

Rectangle

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



235BC5



AA2986



556900



007539

Sweetspot

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



235BC5



BFD5FF



23C58C



596680



000000



808080

Same Dimension

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



235BC5



035AFF



3B23C5



5A5D63



0038A3



000C24

Inverse Universe

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



C5235B



FF035A



ADC523



635A5D



A30038



24000C

Previews

White Background



This preview shows how the Hex color 235BC5 looks on a white background.

Color Contrast Check

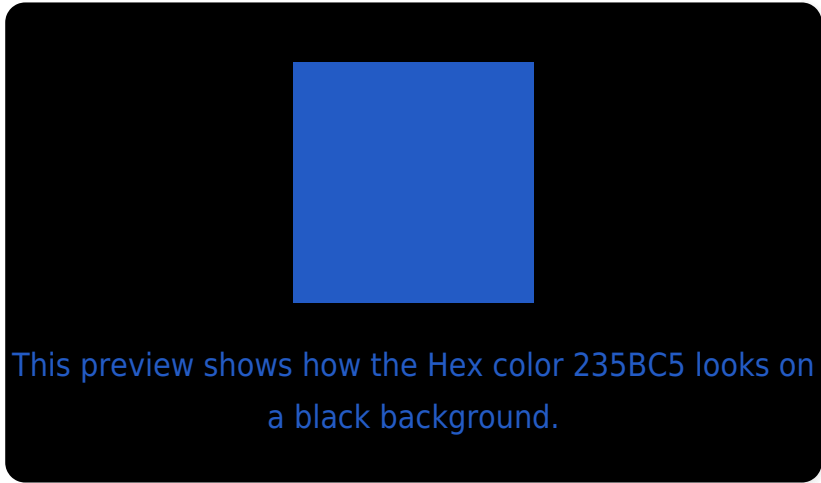
Large Text (above 18pt) WCAG AA ✓ Pass

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

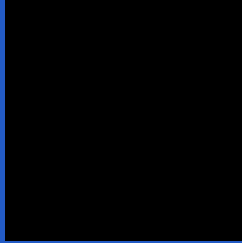
Any Text WCAG AA × Fail

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 235BC5 Background



This preview shows how black text looks on a background with the Hex color 235BC5.

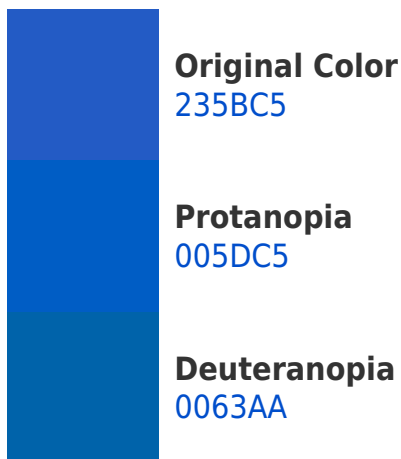


This preview shows how white text looks on a background with the Hex color 235BC5.

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](#).

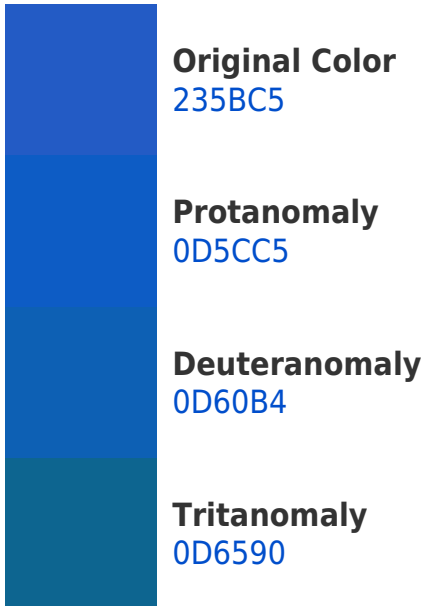
Dichromacy



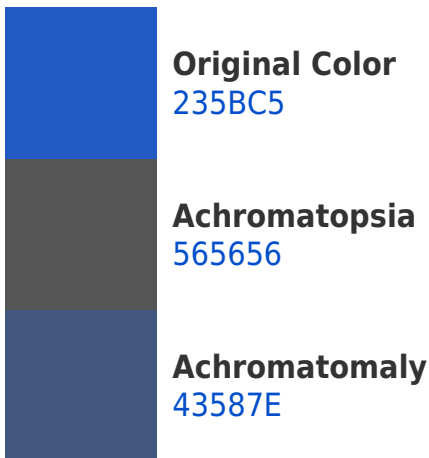


Tritanopia
006B72

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 235BC5 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 #235BC5 looks like.

```
.text, #text, p{  
    color:#235BC5  
}
```

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 #235BC5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #235BC5
}
```

Border

The CSS property to change the border of an element to Hex 235BC5 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
#235BC5 }
```

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

```
.border{ border-color:#235BC5 }
```

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

Here you see how a box with a 4 pixel #235BC5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #235BC5; -webkit-box-shadow:4px 4px  
4px 4px #235BC5; box-shadow:4px 4px 4px  
4px #235BC5 }
```

Background

The CSS property to change the background color of an element to Hex 235BC5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#235BC5 }
```

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

```
.background{ background-color:#235BC5 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor