

Converting Colors

Hex(C455E2)

Have a look what the booklet for
Hex(C455E2) contains.

Hex(C455E2)	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(C455E2)

Conversions

Conversions Part 1

Format	Color
Hex	C455E2
RGB	196, 85, 226
RGB Percent	77%, 33%, 89%
CMY	0.2314, 0.6667, 0.1137
CMYK	0.13, 0.62, 0.00, 0.11
HSL	287°, 71%, 61%
HSV	287°, 62%, 89%
XYZ	39.7409, 23.7237, 74.4361
YIQ	134.2630, 20.8950, 67.3830

Conversions

Conversions Part 2

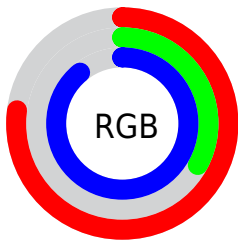
Format	Color
R _Y B	196, 85, 226
Decimal	12867042
CIE Lab	55.81, 64.36, -52.38
CIE LCh	56, 82.976, 320.861
Yxy	23.7237, 0.2882, 0.1720
Android (android.graphics.Color)	4291057122 (0xFFC455E2)
YUV	134.2630, 45.2263, 54.1433
Hunter-Lab	48.7070, 60.4040, -56.5145

Details

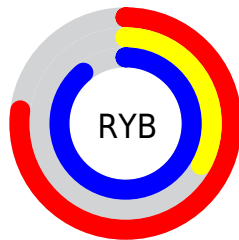
The Hex color **C455E2** is a light color, and the websafe version is hex **CC66FF**. The color can be described as light muted magenta. A complement of this color would be **73E255**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **FF8DFF**, and **8B16AA** is the 20% darker color. If you saturate the color by 10%, you get **BF3EE2**, and if you desaturate by 10%, it is **C96CE2**.

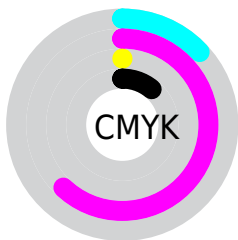
Distribution



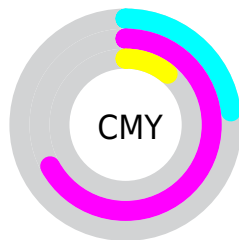
- Red (77%)
- Green (33%)
- Blue (89%)



- Red (77%)
- Yellow (33%)
- Blue (89%)



- Cyan (13%)
- Magenta (62%)
- Yellow (0%)
- Black (11%)



- Cyan (23%)
- Magenta (67%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color C455E2 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 C455E2 by changing the saturation by 10% instead.

 C455E2

 C455E2

FFFFFF

 A738C6

 FF8DFF

 8B16AA

 FFA9FF

 6F008F

 FFC6FF

 530075

 FFE3FF

 37005B

 1C0043

 00012B

 000116

 000000

 C455E2

 C455E2

 BF3EE2

 C96CE2

 BA28E2

 CE82E2

 B611E2

 D299E2

 B200E2

 D7AFE2

 DCC6E2

 E1DDE2

 E6F3E2

 EAFFE2

 EFFFE2

Harmonies

Analogous

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



3A7DFE



C455E2



F8249F

Triad

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



C455E2



B47B00



00A4B7

Complementary

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



C455E2



73E255

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.



00A36C



C455E2



729100

Square

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



C455E2



E65806



009D1A



00A1F5

Rectangle

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



C455E2



FF1C6F



009D1A



00A49F

Sweetspot

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



C455E2



F5CFFF



5574E2



796280



000000



808080

Same Dimension

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



C455E2



D640FF



E255BA



6E6570



8B00B0



260030

Inverse Universe

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



E25573



FF4068



55E27D



706567



B00025



30000A

Previews

White Background



This preview shows how the Hex color C455E2 looks on a white background.

Color Contrast Check

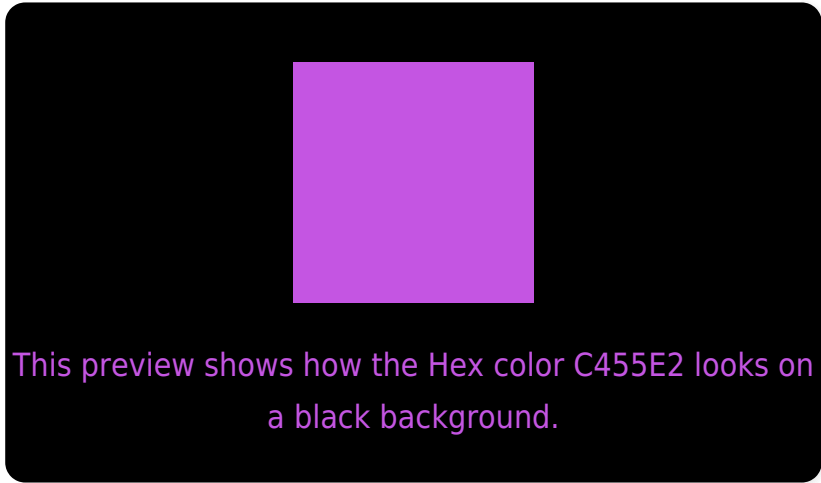
Large Text (above 18pt) WCAG AA ✓ Pass

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

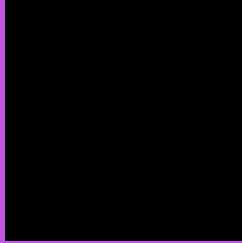
Any Text WCAG AA ✓ Pass

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 C455E2 Background



This preview shows how black text looks on a background with the Hex color C455E2.

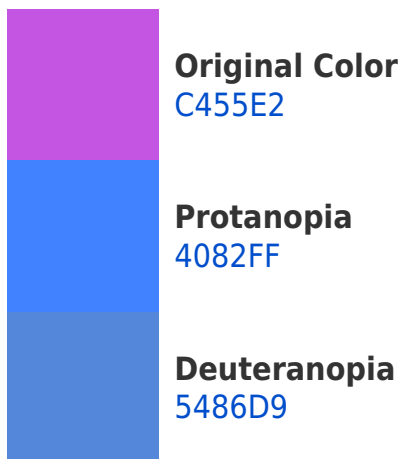



This preview shows how white text looks on a background with the Hex color C455E2.

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](#).

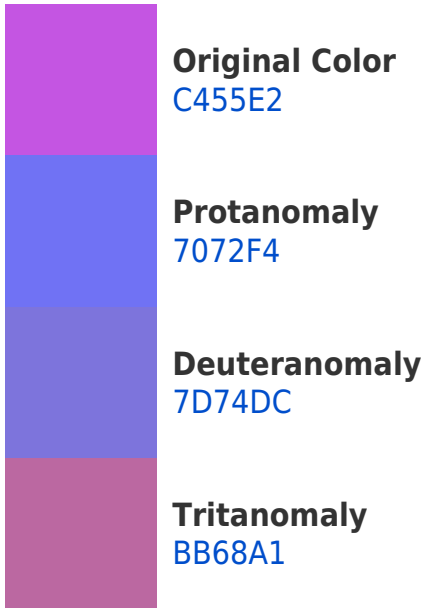
Dichromacy





Tritanopia
B6737C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C455E2 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 #C455E2 looks like.

```
.text, #text, p{  
    color:#C455E2  
}
```

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 #C455E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C455E2
}
```

Border

The CSS property to change the border of an element to Hex C455E2 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
#C455E2 }
```

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

```
.border{ border-color:#C455E2 }
```

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

Here you see how a box with a 4 pixel #C455E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C455E2; -webkit-box-shadow:4px 4px  
4px 4px #C455E2; box-shadow:4px 4px 4px  
4px #C455E2 }
```

Background

The CSS property to change the background color of an element to Hex C455E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C455E2 }
```

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

```
.background{ background-color:#C455E2 }
```

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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