

Converting Colors

Hex(CE62E5)

Have a look what the booklet for
Hex(CE62E5) contains.

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Color

Hex(CE62E5)

Conversions

Conversions Part 1

Format	Color
Hex	CE62E5
RGB	206, 98, 229
RGB Percent	81%, 38%, 90%
CMY	0.1922, 0.6157, 0.1020
CMYK	0.10, 0.57, 0.00, 0.10
HSL	289°, 72%, 64%
HSV	289°, 57%, 90%
XYZ	43.9641, 27.5143, 77.1224
YIQ	145.2260, 22.3170, 63.6370

Conversions

Conversions Part 2

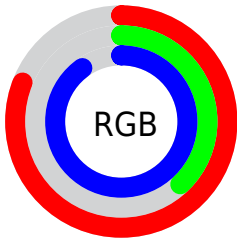
Format	Color
R _{YB}	206, 98, 229
Decimal	13525733
CIE _{Lab}	59.45, 61.48, -48.20
CIE _{LCh}	59, 78.121, 321.905
Y _{xy}	27.5143, 0.2959, 0.1852
Android (android.graphics.Color)	4291715813 (0xFFCE62E5)
YUV	145.2260, 41.3006, 53.2988
Hunter-Lab	52.4541, 57.8142, -50.4552

Details

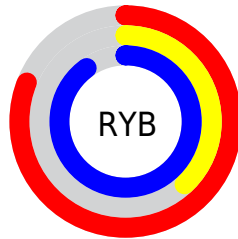
The Hex color **CE62E5** is a light color, and the websafe version is hex **CC66FF**. A complement of this color would be **79E562**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **FF99FF**, and **9529AD** is the 20% darker color. If you saturate the color by 10%, you get **CA4BE5**, and if you desaturate by 10%, it is **D279E5**.

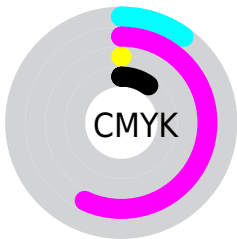
Distribution



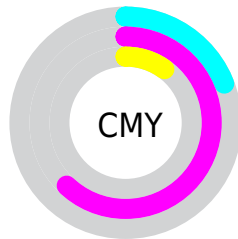
- Red (81%)
- Green (38%)
- Blue (90%)



- Red (81%)
- Yellow (38%)
- Blue (90%)



- Cyan (10%)
- Magenta (57%)
- Yellow (0%)
- Black (10%)



- Cyan (19%)
- Magenta (62%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color CE62E5 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 CE62E5 by changing the saturation by 10% instead.

 CE62E5

 CE62E5

FFFFFF

 B146C9

 FF99FF

 9529AD

 FFB6FF

 790092

 FFD2FF

 5D0078

 FFF0FF

 42005E

 2A0046

 00002E

 000119

 000000

 CE62E5

 CE62E5

 CA4BE5

 D279E5

 C634E5

 D690E5

 C21DE5

 DAA7E5

 BE06E5

 DEBEE5

 BD00E5

 E2D5E5

 E6EBE5

 EAF FE5

 EEFF E5

 F2FF E5

Harmonies

Analogous

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



5D85FF



CE62E5



FE40A5

Triad

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



CE62E5



BC8600



00ADC1

Complementary

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



CE62E5



79E562

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.



00AC7A



CE62E5



7D9B00

Square

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



CE62E5



EC671D



00A731



00A9FB

Rectangle

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



CE62E5



FF3D77



00A731



00ADAA

Sweetspot

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



CE62E5



F7D4FF



627AE5



7B6680



000000



808080

Same Dimension

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



CE62E5



E04FFF



E562BC



716773



9300B3



2A0033

Inverse Universe

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



E56279



FF4F6E



62E58B



736769



B3001F



330009

Previews

White Background



This preview shows how the Hex color CE62E5 looks on a white background.

Color Contrast Check

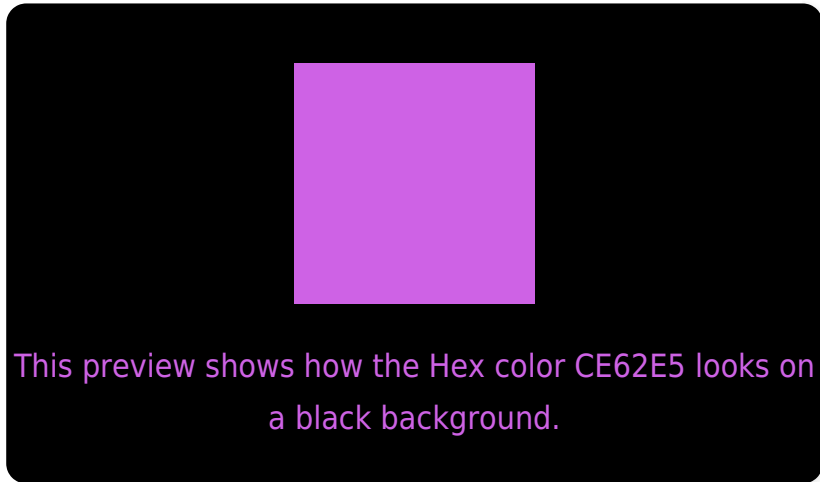
Large Text (above 18pt) WCAG AA ✓ Pass

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

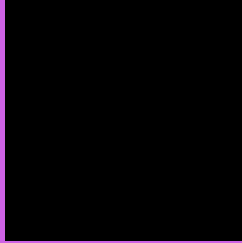
Any Text WCAG AA ✓ Pass

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 CE62E5 Background



This preview shows how black text looks on a background with the Hex color CE62E5.

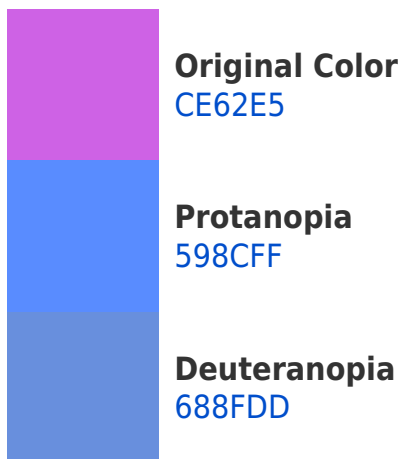


This preview shows how white text looks on a background with the Hex color CE62E5.

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
C17C85

Trichromacy



Original Color
CE62E5



Protanomaly
847DF6



Deuteranomaly
8D7FE0



Tritanomaly
C673A8

Monochromacy



Original Color
CE62E5



Achromatopsia
919191



Achromatomaly
A780B0

CSS Examples

Text

The CSS property to change the color of the text to Hex CE62E5 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 #CE62E5 looks like.

```
.text, #text, p{  
    color:#CE62E5  
}
```

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 #CE62E5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CE62E5  
}
```

Border

The CSS property to change the border of an element to Hex CE62E5 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  
#CE62E5 }
```

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

```
.border{ border-color:#CE62E5 }
```

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

Here you see how a box with a 4 pixel #CE62E5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CE62E5; -webkit-box-shadow:4px 4px  
4px 4px #CE62E5; box-shadow:4px 4px 4px  
4px #CE62E5 }
```

Background

The CSS property to change the background color of an element to Hex CE62E5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CE62E5 }
```

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

```
.background{ background-color:#CE62E5 }
```

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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