

Converting Colors

Hex(C563F2)

Have a look what the booklet for
Hex(C563F2) contains.

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Color

Hex(C563F2)

Conversions

Conversions Part 1

Format	Color
Hex	C563F2
RGB	197, 99, 242
RGB Percent	77%, 39%, 95%
CMY	0.2275, 0.6118, 0.0510
CMYK	0.19, 0.59, 0.00, 0.05
HSL	281°, 85%, 67%
HSV	281°, 59%, 95%
XYZ	43.5148, 27.2048, 86.9620
YIQ	144.6040, 12.5050, 65.2490

Conversions

Conversions Part 2

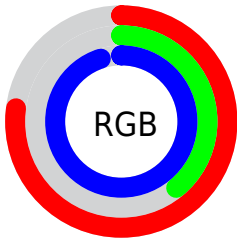
Format	Color
R_{YB}	197, 99, 242
Decimal	12936178
CIE _{Lab}	59.16, 61.38, -55.97
CIE _{LCh}	59, 83.068, 317.641
Yxy	27.2048, 0.2760, 0.1725
Android (android.graphics.Color)	4291126258 (0xFFC563F2)
YUV	144.6040, 48.0162, 45.9513
Hunter-Lab	52.1582, 57.6429, -62.3418

Details

The Hex color **C563F2** is a light color, and the websafe version is hex **CC66FF**. A complement of this color would be **90F263**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **FF9AFF**, and **8C2BB9** is the 20% darker color. If you saturate the color by 10%, you get **BD4BF2**, and if you desaturate by 10%, it is **CD7BF2**.

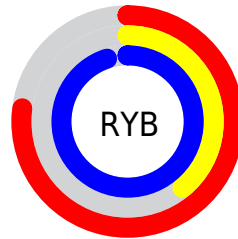
Distribution



Red (77%)

Green (39%)

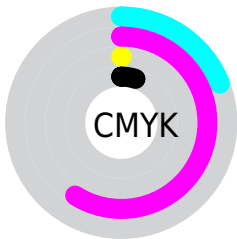
Blue (95%)



Red (77%)

Yellow (39%)

Blue (95%)

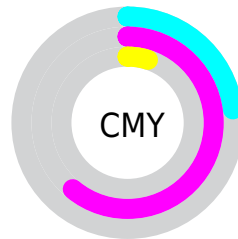


Cyan (19%)

Magenta (59%)

Yellow (0%)

Black (5%)



Cyan (23%)

Magenta (61%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color C563F2 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 C563F2 by changing the saturation by 10% instead.

 C563F2

 C563F2

FFFFFF

 A848D5

 FF9AFF

 8C2BB9

 FFB6FF

 6F029E

 FFD3FF

 530083

 FFF0FF

 370069

 1D0050

 000038

 000221

 000007

 C563F2

 C563F2

 BD4BF2

 CD7BF2

 B633F2

 D493F2

 AE1AF2

 DCACF2

 A702F2

 E3C4F2

 A600F2

 EBDCF2

 F3F4F2

 FAFFF2

 FFFFF2

Harmonies

Analogous

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



1E88FF



C563F2



FF37B0

Triad

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



C563F2



C58000



00AEB9

Complementary

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



C563F2



90F263

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.



00AC6D



C563F2



849800

Square

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



C563F2



F55C1F



03A619



00ABFA

Rectangle

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



C563F2



FF2C7F



03A619



00AEA0

Sweetspot

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



C563F2



F1D1FF



6390F2



776380



000000



808080

Same Dimension

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



C563F2



C64AFF



F263D8



746C78



7E00B8



260038

Inverse Universe

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



F26390



FF4A83



63F27D



786C70



B8003A



380012

Previews

White Background



This preview shows how the Hex color C563F2 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

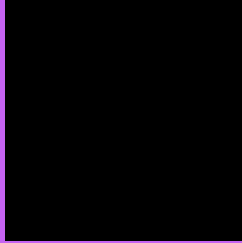
Any Text WCAG AA ✓ Pass

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 C563F2 Background



This preview shows how black text looks on a background with the Hex color C563F2.

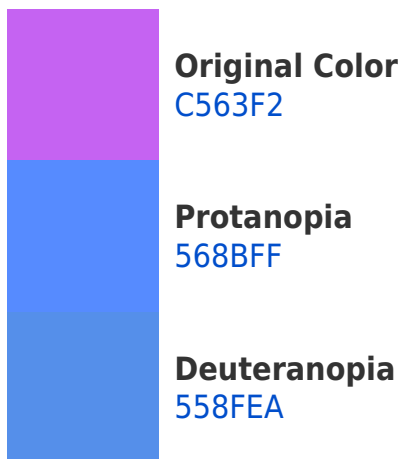


This preview shows how white text looks on a background with the Hex color C563F2.

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](#).

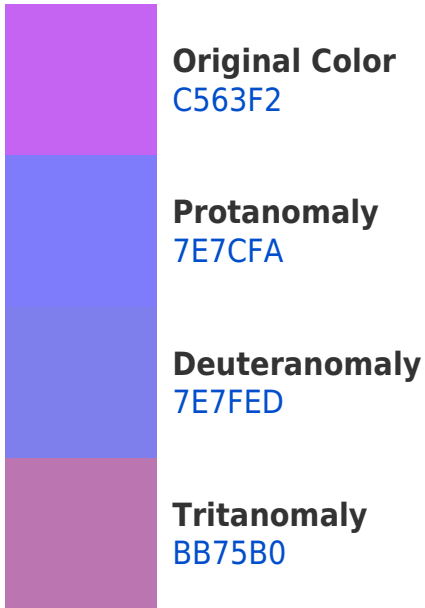
Dichromacy



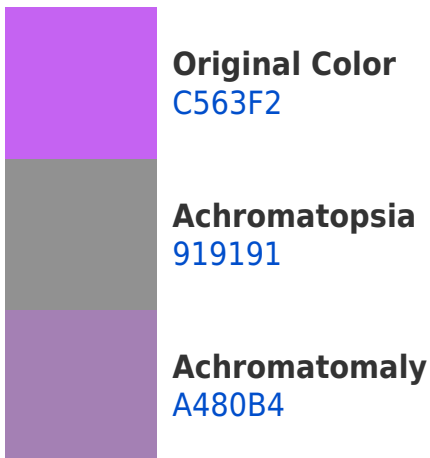


Tritanopia
B5808A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C563F2 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 #C563F2 looks like.

```
.text, #text, p{  
    color:#C563F2  
}
```

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 #C563F2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C563F2
}
```

Border

The CSS property to change the border of an element to Hex C563F2 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
#C563F2 }
```

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

```
.border{ border-color:#C563F2 }
```

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

Here you see how a box with a 4 pixel #C563F2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C563F2; -webkit-box-shadow:4px 4px  
4px 4px #C563F2; box-shadow:4px 4px 4px  
4px #C563F2 }
```

Background

The CSS property to change the background color of an element to Hex C563F2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C563F2 }
```

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

```
.background{ background-color:#C563F2 }
```

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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