

Converting Colors

Hex(5C65EA)

Have a look what the booklet for
Hex(5C65EA) contains.

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Color

Hex(5C65EA)

Conversions

Conversions Part 1

Format	Color
Hex	5C65EA
RGB	92, 101, 234
RGB Percent	36%, 40%, 92%
CMY	0.6392, 0.6039, 0.0824
CMYK	0.61, 0.57, 0.00, 0.08
HSL	236°, 77%, 64%
HSV	236°, 61%, 92%
XYZ	23.9186, 17.5232, 79.9636
YIQ	113.4710, -48.0570, 39.4550

Conversions

Conversions Part 2

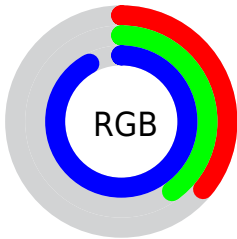
Format	Color
R _Y B	92, 100, 234
Decimal	6055402
CIE Lab	48.91, 35.88, -68.52
CIE LCh	49, 77.348, 297.634
Yxy	17.5232, 0.1970, 0.1443
Android (android.graphics.Color)	4284245482 (0xFF5C65EA)
YUV	113.4710, 59.4208, -18.8301
Hunter-Lab	41.8607, 28.7361, -83.9550

Details

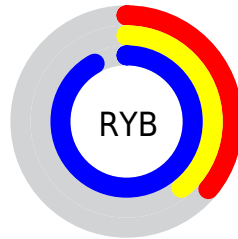
The Hex color **5C65EA** is a dark color, and the websafe version is hex **6666FF**. The color can be described as middle muted azure. A complement of this color would be **EAE15C**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **9A98FF**, and **0036B1** is the 20% darker color. If you saturate the color by 10%, you get **454FEA**, and if you desaturate by 10%, it is **737BEA**.

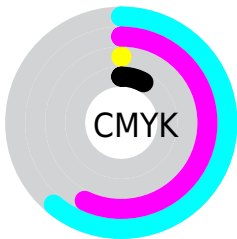
Distribution



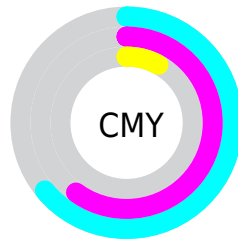
- Red (36%)
- Green (40%)
- Blue (92%)



- Red (36%)
- Yellow (39%)
- Blue (92%)



- Cyan (61%)
- Magenta (57%)
- Yellow (0%)
- Black (8%)



- Cyan (64%)
- Magenta (60%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5C65EA 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 5C65EA by changing the saturation by 10% instead.

■ 5C65EA

■ 5C65EA

FFFFFF

■ 394DCD

■ 9A98FF

■ 0036B1

■ B8B3FF

■ 002196

■ D6CEFF

■ 000F7B

■ F5EAFF

■ 000061

■ 000848

■ 000431

■ 00011B

■ 000000

■ 5C65EA

■ 5C65EA

■ 454FEA

■ 737BEA

■ 2D39EA

■ 8B91EA

■ 1623EA

■ A2A7EA

■ 000FEA

■ BABDEA

■ D1D3EA

■ E8E9EA

■ FFFEEA

■ FFFFEA

Harmonies

Analogous

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



007FF9



5C65EA



BB3DBC

Triad

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



5C65EA



C25200



008F6D

Complementary

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



5C65EA



EAE15C

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.



008B25



5C65EA



927000

Square

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



5C65EA



E0273C



518200



0090B0

Rectangle

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



5C65EA



D91A92



518200



008E56

Sweetspot

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



5C65EA



D1D4FF



5CEAE1



636580



000000



808080

Same Dimension

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



5C65EA



4551FF



9A5CEA



6A6A75



000BB5



000336

Inverse Universe

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



EA5C65



FF4551



ACEA5C



756A6A



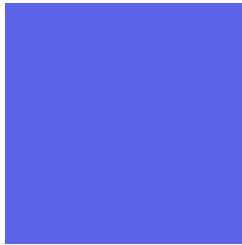
B5000B



360003

Previews

White Background



This preview shows how the Hex color 5C65EA looks on a white background.

Color Contrast Check

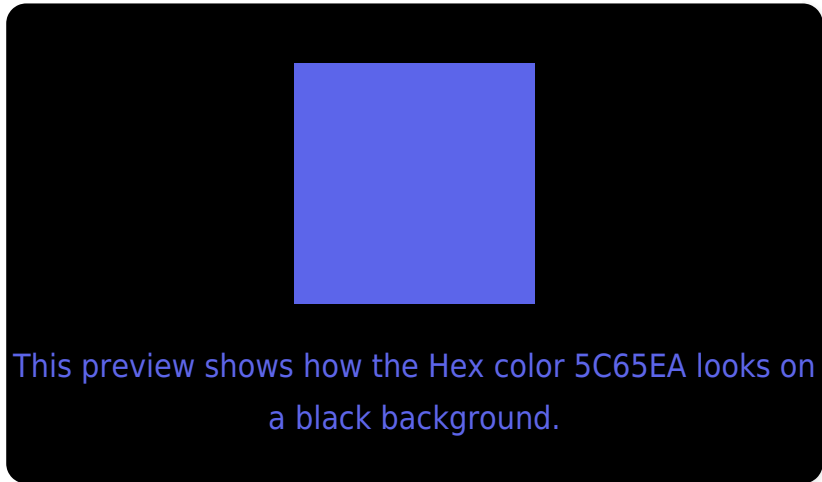
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ 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 5C65EA Background



This preview shows how black text looks on a background with the Hex color 5C65EA.

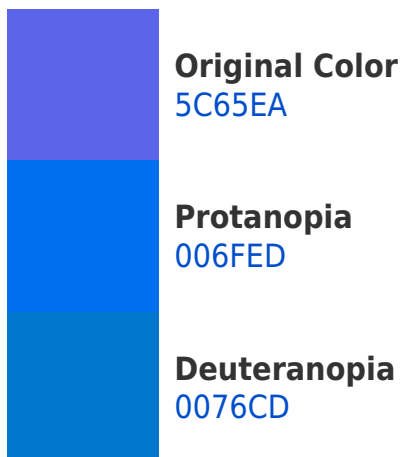


This preview shows how white text looks on a background with the Hex color 5C65EA.

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](#).

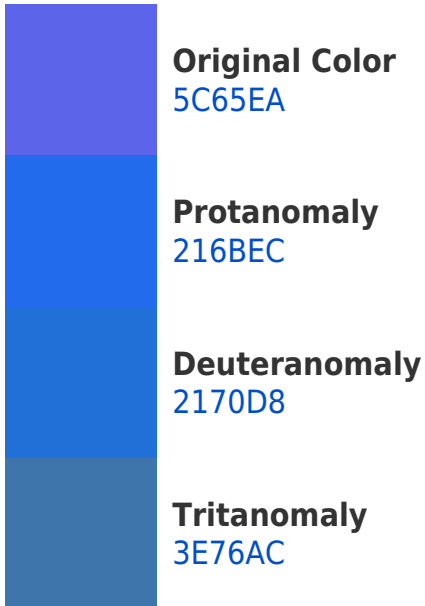
Dichromacy



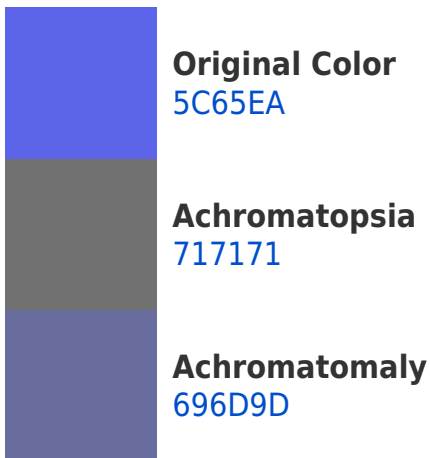


Tritanopia
2D7F89

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5C65EA 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 #5C65EA looks like.

```
.text, #text, p{  
    color:#5C65EA  
}
```

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 #5C65EA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C65EA
}
```

Border

The CSS property to change the border of an element to Hex 5C65EA 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
#5C65EA }
```

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

```
.border{ border-color:#5C65EA }
```

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

Here you see how a box with a 4 pixel #5C65EA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C65EA; -webkit-box-shadow:4px 4px  
4px 4px #5C65EA; box-shadow:4px 4px 4px  
4px #5C65EA }
```

Background

The CSS property to change the background color of an element to Hex 5C65EA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C65EA }
```

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

```
.background{ background-color:#5C65EA }
```

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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