

Converting Colors

Hex(5D68E5)

Have a look what the booklet for
Hex(5D68E5) contains.

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Color

Hex(5D68E5)

Conversions

Conversions Part 1

Format	Color
Hex	5D68E5
RGB	93, 104, 229
RGB Percent	36%, 41%, 90%
CMY	0.6353, 0.5922, 0.1020
CMYK	0.59, 0.55, 0.00, 0.10
HSL	235°, 72%, 63%
HSV	235°, 59%, 90%
XYZ	23.6074, 17.8849, 76.3366
YIQ	114.9610, -46.6810, 36.5430

Conversions

Conversions Part 2

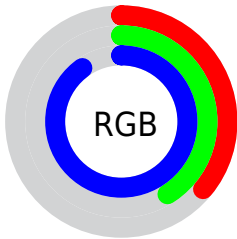
Format	Color
R _Y B	93, 103, 229
Decimal	6121701
CIE Lab	49.36, 32.59, -64.99
CIE LCh	49, 72.703, 296.631
Yxy	17.8849, 0.2004, 0.1518
Android (android.graphics.Color)	4284311781 (0xFF5D68E5)
YUV	114.9610, 56.2212, -19.2598
Hunter-Lab	42.2906, 25.6335, -77.4181

Details

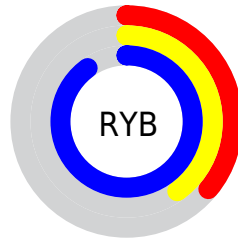
The Hex color **5D68E5** is a dark color, and the websafe version is hex **6666CC**. The color can be described as middle muted azure. A complement of this color would be **E5DA5D**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **9A9BFF**, and **0439AC** is the 20% darker color. If you saturate the color by 10%, you get **4653E5**, and if you desaturate by 10%, it is **747DE5**.

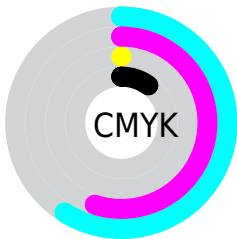
Distribution



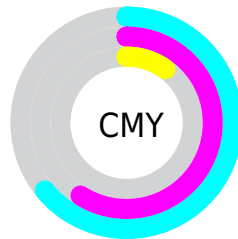
- Red (36%)
- Green (41%)
- Blue (90%)



- Red (36%)
- Yellow (40%)
- Blue (90%)



- Cyan (59%)
- Magenta (55%)
- Yellow (0%)
- Black (10%)



- Cyan (64%)
- Magenta (59%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5D68E5 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 5D68E5 by changing the saturation by 10% instead.

■ 5D68E5

■ 5D68E5

FFFFFF

■ 3B50C8

■ 9A9BFF

■ 0439AC

■ B8B6FF

■ 002491

■ D6D1FF

■ 001177

■ F4EEFF

■ 00005D

■ 000845

■ 00032D

■ 000118

■ 000000

■ 5D68E5

■ 5D68E5

■ 4653E5

■ 747DE5

■ 2F3EE5

■ 8B92E5

■ 1829E5

■ A2A7E5

■ 0114E5

■ B9BCE5

■ 0013E5

■ D0D1E5

■ E6E6E5

■ FDFBE5

■ FFFFE5

Harmonies

Analogous

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



0080F2



5D68E5



B745BA

Triad

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



5D68E5



C15500



008F6C

Complementary

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



5D68E5



E5DA5D

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.



008B2A



5D68E5



947000

Square

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



5D68E5



DC3242



588200



0090AB

Rectangle

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



5D68E5



D42C94



588200



008E57

Sweetspot

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



5D68E5



D1D5FF



5DE5DA



636680



000000



808080

Same Dimension

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



5D68E5



4A59FF



965DE5



676873



000EB3



000433

Inverse Universe

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



E55D68



FF4A59



ACE55D



736768



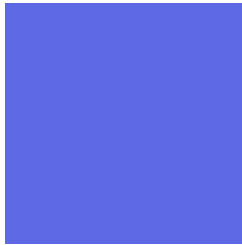
B3000E



330004

Previews

White Background



This preview shows how the Hex color 5D68E5 looks on a white background.

Color Contrast Check

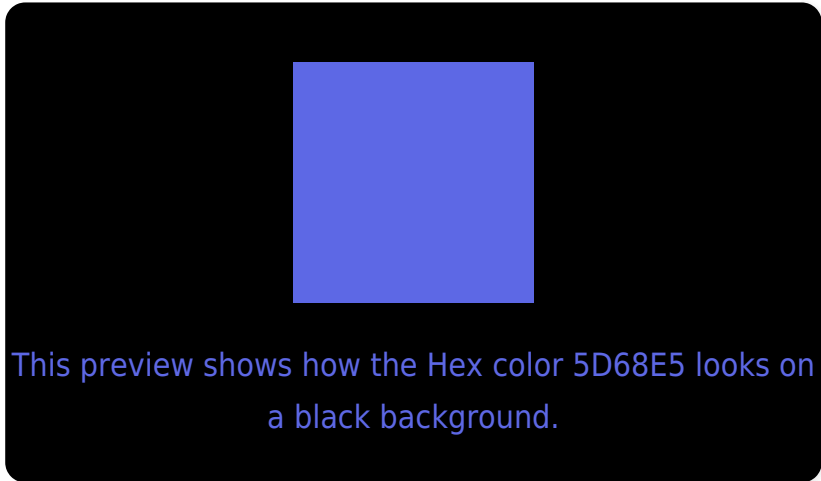
Large Text (above 18pt) WCAG AA ✓ Pass

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

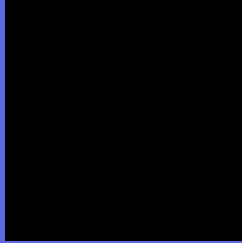
Any Text WCAG AA ✓ Pass

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 5D68E5 Background



This preview shows how black text looks on a background with the Hex color 5D68E5.

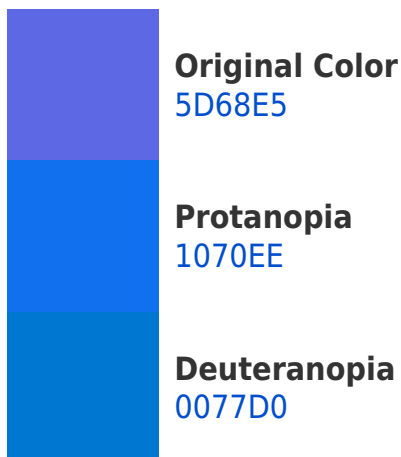


This preview shows how white text looks on a background with the Hex color 5D68E5.

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



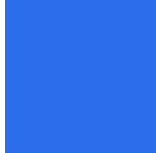


Tritanopia
357F8A

Trichromacy



Original Color
5D68E5



Protanomaly
2C6DEB



Deuteranomaly
2272D8



Tritanomaly
4477AB

Monochromacy



Original Color
5D68E5



Achromatopsia
737373



Achromatomaly
6B6F9C

CSS Examples

Text

The CSS property to change the color of the text to Hex 5D68E5 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 #5D68E5 looks like.

```
.text, #text, p{  
    color:#5D68E5  
}
```

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 #5D68E5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D68E5
}
```

Border

The CSS property to change the border of an element to Hex 5D68E5 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
#5D68E5 }
```

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

```
.border{ border-color:#5D68E5 }
```

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

Here you see how a box with a 4 pixel #5D68E5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D68E5; -webkit-box-shadow:4px 4px  
4px 4px #5D68E5; box-shadow:4px 4px 4px  
4px #5D68E5 }
```

Background

The CSS property to change the background color of an element to Hex 5D68E5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D68E5 }
```

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

```
.background{ background-color:#5D68E5 }
```

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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