

Converting Colors

Hex(5669E9)

Have a look what the booklet for
Hex(5669E9) contains.

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Color

Hex(5669E9)

Conversions

Conversions Part 1

Format	Color
Hex	5669E9
RGB	86, 105, 233
RGB Percent	34%, 41%, 91%
CMY	0.6627, 0.5882, 0.0863
CMYK	0.63, 0.55, 0.00, 0.09
HSL	232°, 77%, 63%
HSV	232°, 63%, 91%
XYZ	23.5973, 17.9648, 79.3146
YIQ	113.9110, -52.4120, 35.7800

Conversions

Conversions Part 2

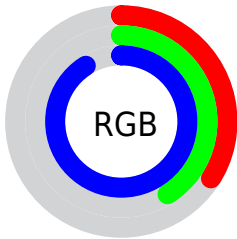
Format	Color
R_{YB}	86, 103, 233
Decimal	5663209
CIE _{Lab}	49.45, 32.13, -67.10
CIE _{LCh}	49, 74.397, 295.583
Yxy	17.9648, 0.1952, 0.1486
Android (android.graphics.Color)	4283853289 (0xFF5669E9)
YUV	113.9110, 58.7109, -24.4779
Hunter-Lab	42.3849, 25.2044, -81.2797

Details

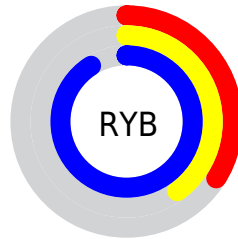
The Hex color **5669E9** is a dark color, and the websafe version is hex **3366FF**. The color can be described as middle muted azure. A complement of this color would be **E9D656**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **959CFF**, and **003AB0** is the 20% darker color. If you saturate the color by 10%, you get **3F55E9**, and if you desaturate by 10%, it is **6D7DE9**.

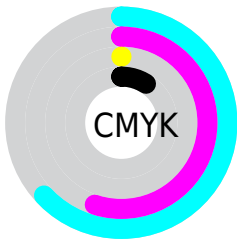
Distribution



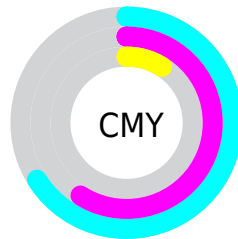
- Red (34%)
- Green (41%)
- Blue (91%)



- Red (34%)
- Yellow (40%)
- Blue (91%)



- Cyan (63%)
- Magenta (55%)
- Yellow (0%)
- Black (9%)



- Cyan (66%)
- Magenta (59%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5669E9 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 5669E9 by changing the saturation by 10% instead.

■ 5669E9

FFFFFF

■ 959CFF

■ B3B7FF

■ D1D2FF

■ F0EFFF

■ 5669E9

■ 3151CC

■ 003AB0

■ 002595

■ 00137A

■ 000061

■ 000848

■ 000430

■ 00011B

■ 000000

■ 5669E9

■ 5669E9

■ 3F55E9

■ 6D7DE9

■ 2740E9

■ 8592E9

■ 102CE9

■ 9CA6E9

■ 001EE9

■ B3BAE9

■ CBCEE9

■ E2E3E9

■ F9F7E9

■ FFFFE9

Harmonies

Analogous

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



0081F5



5669E9



B645BE

Triad

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



5669E9



C45300



00906A

Complementary

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



5669E9



E9D656

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.



008B26



5669E9



977000

Square

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



5669E9



DF2D44



5A8200



0090AB

Rectangle

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



5669E9



D52997



5A8200



008F54

Sweetspot

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



5669E9



CFD5FF



56E9D5



626680



000000



808080

Same Dimension

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



5669E9



3D56FF



8C56E9



6A6B75



0017B5



000736

Inverse Universe

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



E95669



FF3D56



B3E956



756A6B



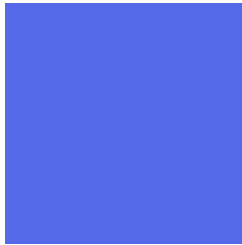
B50017



360007

Previews

White Background



This preview shows how the Hex color 5669E9 looks on a white background.

Color Contrast Check

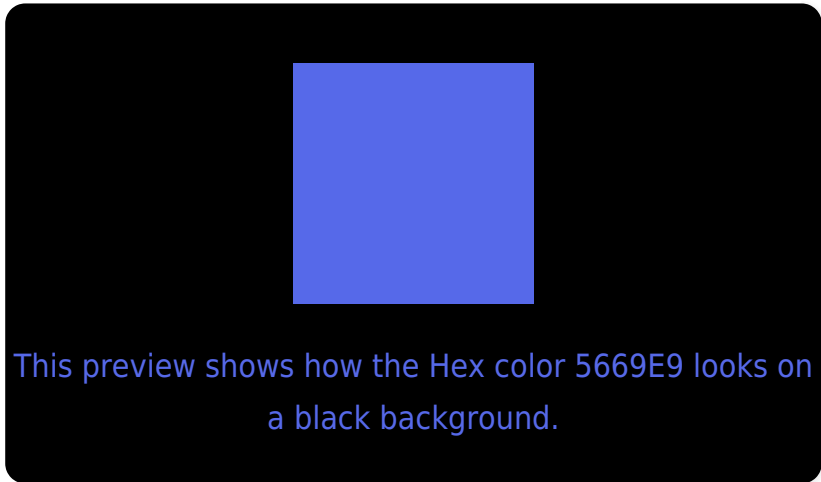
Large Text (above 18pt) WCAG AA ✓ Pass

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

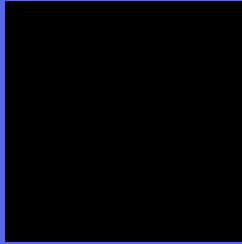
Any Text WCAG AA ✓ Pass

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 5669E9 Background



This preview shows how black text looks on a background with the Hex color 5669E9.

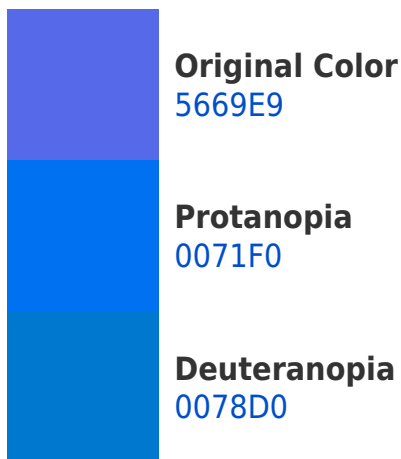



This preview shows how white text looks on a background with the Hex color 5669E9.

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
20818C

Trichromacy



Original Color
5669E9



Protanomaly
1F6EED



Deuteranomaly
1F73D9



Tritanomaly
3478AE

Monochromacy



Original Color
5669E9



Achromatopsia
727272



Achromatomaly
686F9D

CSS Examples

Text

The CSS property to change the color of the text to Hex 5669E9 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 #5669E9 looks like.

```
.text, #text, p{  
    color:#5669E9  
}
```

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 #5669E9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5669E9
}
```

Border

The CSS property to change the border of an element to Hex 5669E9 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".

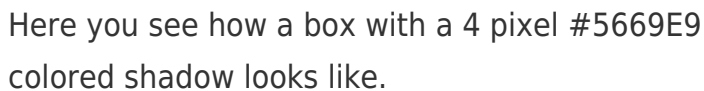
```
.border, #border, table{ border:4px solid
#5669E9 }
```

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

```
.border{ border-color:#5669E9 }
```

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

Here you see how a box with a 4 pixel #5669E9 colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5669E9; -webkit-box-shadow:4px 4px  
4px 4px #5669E9; box-shadow:4px 4px 4px  
4px #5669E9 }
```

Background

The CSS property to change the background color of an element to Hex 5669E9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5669E9 }
```

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

```
.background{ background-color:#5669E9 }
```

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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