

Converting Colors

Hex(5A00E5)

Have a look what the booklet for
Hex(5A00E5) contains.

Hex(5A00E5)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(5A00E5)

Conversions

Conversions Part 1

Format	Color
Hex	5A00E5
RGB	90, 0, 229
RGB Percent	35%, 0%, 90%
CMY	0.6471, 1.0000, 0.1020
CMYK	0.61, 1.00, 0.00, 0.10
HSL	264°, 100%, 45%
HSV	264°, 100%, 90%
XYZ	18.3593, 7.8308, 74.6726
YIQ	53.0160, -19.8690, 90.2990

Conversions

Conversions Part 2

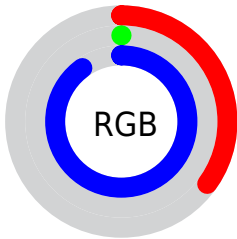
Format	Color
RYB	90, 0, 229
Decimal	5898469
CIELab	33.63, 75.12, -90.81
CIELCh	34, 117.849, 309.598
Yxy	7.8308, 0.1820, 0.0776
Android (android.graphics.Color)	4284088549 (0xFF5A00E5)
YUV	53.0160, 86.7601, 32.4350
Hunter-Lab	27.9836, 68.1380, -138.6236

Details

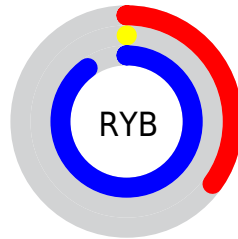
The Hex color **5A00E5** is a dark color, and the websafe version is hex **6633FF**. The color can be described as dark washed blue. A complement of this color would be **8BE500**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **9C4AFF**, and **0000AC** is the 20% darker color. If you saturate the color by 10%, you get **5A00E5**, and if you desaturate by 10%, it is **6817E5**.

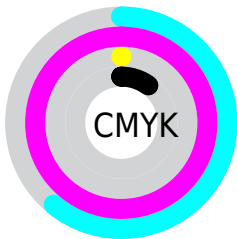
Distribution



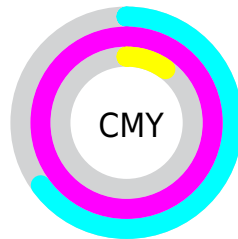
- Red (35%)
- Green (0%)
- Blue (90%)



- Red (35%)
- Yellow (0%)
- Blue (90%)



- Cyan (61%)
- Magenta (100%)
- Yellow (0%)
- Black (10%)



- Cyan (65%)
- Magenta (100%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A00E5 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 5A00E5 by changing the saturation by 10% instead.

■ 5A00E5

■ 5A00E5

FFFFFF

■ 3200C8

■ 9C4AFF

■ 0000AC

■ BC67FF

■ 000090

■ DB82FF

■ 000075

■ FB9FFF

■ 000A5B

■ FFBBFF

■ 000743

■ FFD8FF

■ 00032C

■ FFF5FF

■ 000116

■ 000000

 5A00E5

 6817E5

 762EE5

 8445E5

 925CE5

 9F73E5

 AD89E5

 BBA0E5

 C9B7E5

 D7CEE5

Harmonies

Analogous

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



0059FF



5A00E5



C90093

Triad

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



5A00E5



922C00



006B6D

Complementary

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



5A00E5



8BE500

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.



006800



5A00E5



455600

Square

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



5A00E5



C80000



006400



006EC9

Rectangle

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



5A00E5



DF0056



006400



006A4C

Sweetspot

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



5A00E5



D1B3FF



008DE5



645280



000000



808080

Same Dimension

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



5A00E5



6400FF



CA00E5



6C6773



4600B3



140033

Inverse Universe

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



E5008B



FF009B



1BE500



73676E



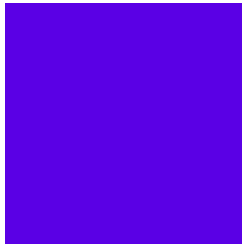
B3006C



33001F

Previews

White Background



This preview shows how the Hex color 5A00E5 looks on a white background.

Color Contrast Check

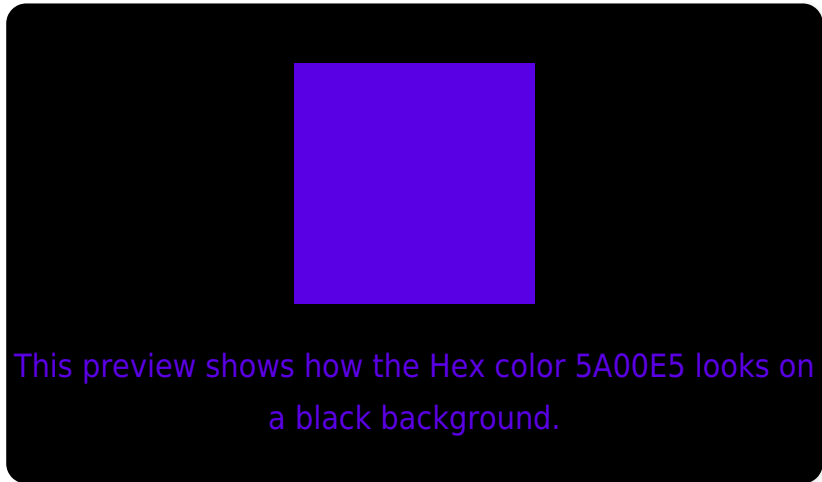
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

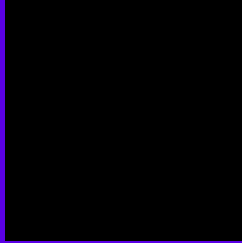
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 5A00E5 Background



This preview shows how black text looks on a background with the Hex color 5A00E5.

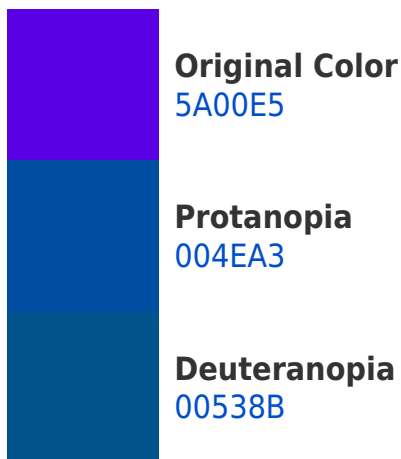



This preview shows how white text looks on a background with the Hex color 5A00E5.

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
125960

Trichromacy



Original Color
5A00E5

Protanomaly
2132BB

Deuteranomaly
2135AC

Tritanomaly
2C3990

Monochromacy



Original Color
5A00E5

Achromatopsia
353535

Achromatomaly
422275

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A00E5 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 #5A00E5 looks like.

```
.text, #text, p{  
    color:#5A00E5  
}
```

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 #5A00E5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A00E5
}
```

Border

The CSS property to change the border of an element to Hex 5A00E5 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".

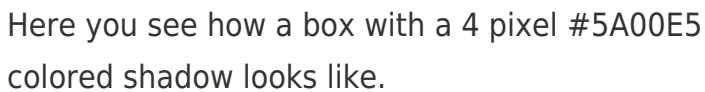
```
.border, #border, table{ border:4px solid
#5A00E5 }
```

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

```
.border{ border-color:#5A00E5 }
```

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

Here you see how a box with a 4 pixel #5A00E5 colored shadow looks like.

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

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A00E5; -webkit-box-shadow:4px 4px  
4px 4px #5A00E5; box-shadow:4px 4px 4px  
4px #5A00E5 }
```

Background

The CSS property to change the background color of an element to Hex 5A00E5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A00E5 }
```

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

```
.background{ background-color:#5A00E5 }
```

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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