

Converting Colors

Hex(5DA0FF)

Have a look what the booklet for
Hex(5DA0FF) contains.

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Color

Hex(5DA0FF)

Conversions

Conversions Part 1

Format	Color
Hex	5DA0FF
RGB	93, 160, 255
RGB Percent	36%, 63%, 100%
CMY	0.6353, 0.3725, 0.0000
CMYK	0.64, 0.37, 0.00, 0.00
HSL	215°, 100%, 68%
HSV	215°, 64%, 100%
XYZ	35.1350, 34.6888, 99.4515
YIQ	150.7970, -70.4270, 15.3410

Conversions

Conversions Part 2

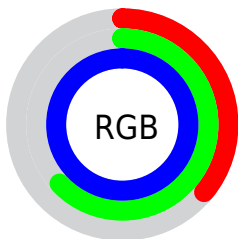
Format	Color
R _Y B	93, 140, 255
Decimal	6136063
CIE Lab	65.51, 7.53, -53.52
CIE LCh	66, 54.050, 278.003
Yxy	34.6888, 0.2076, 0.2049
Android (android.graphics.Color)	4284326143 (0xFF5DA0FF)
YUV	150.7970, 51.3721, -50.6880
Hunter-Lab	58.8972, 3.4138, -58.8868

Details

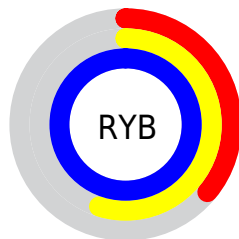
The Hex color **5DA0FF** is a light color, and the websafe version is hex **6699FF**. The color can be described as light muted azure. A complement of this color would be **FFBC5D**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **9CD6FF**, and **006DC6** is the 20% darker color. If you saturate the color by 10%, you get **4391FF**, and if you desaturate by 10%, it is **77AFFF**.

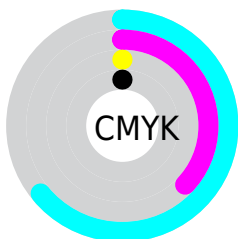
Distribution



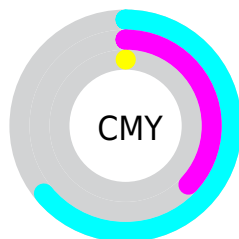
- Red (36%)
- Green (63%)
- Blue (100%)



- Red (36%)
- Yellow (55%)
- Blue (100%)



- Cyan (64%)
- Magenta (37%)
- Yellow (0%)
- Black (0%)



- Cyan (64%)
- Magenta (37%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5DA0FF 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 5DA0FF by changing the saturation by 10% instead.

 5DA0FF

 5DA0FF

FFFFFF

 3986E2

 9CD6FF

 006DC6

 BAF3FF

 0055AA

 D9FFFF

 003F8F

 F8FFFF

 002A75

 00165C

 000743

 00032C

 000117

■ 5DA0FF

■ 5DA0FF

■ 4391FF

■ 77AFFF

■ 2A82FF

■ 90BEFF

■ 1073FF

■ AACDFE

■ 0069FF

■ C3DCFF

■ DDEBFF

■ F6FAFF

FFFFFF

Harmonies

Analogous

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



00AEF8



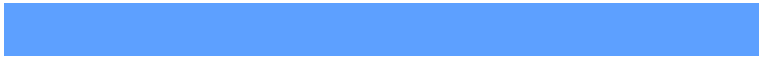
5DA0FF



B38DEC

Triad

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



5DA0FF



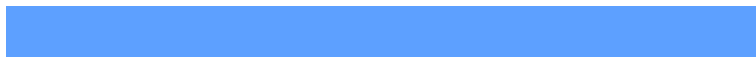
F27E66



29B479

Complementary

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



5DA0FF



FFBC5D

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.



7AAD4F



5DA0FF



D79044

Square

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



5DA0FF



F87494



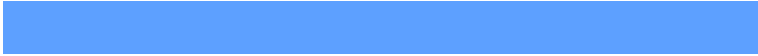
AEA139



00B7AB

Rectangle

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



5DA0FF



D780D3



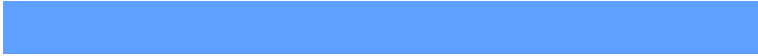
AEA139



4DB36A

Sweetspot

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



5DA0FF



CFE3FF



5DFFBC



626E80



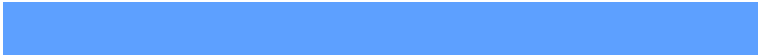
000000



808080

Same Dimension

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



5DA0FF



3D8DFF



6B5DFF



737880



004FBF



001A40

Inverse Universe

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



FF5DA0



FF3D8D



F2FF5D



807378



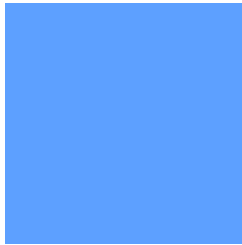
BF004F



40001A

Previews

White Background



This preview shows how the Hex color 5DA0FF looks on a white background.

Color Contrast Check

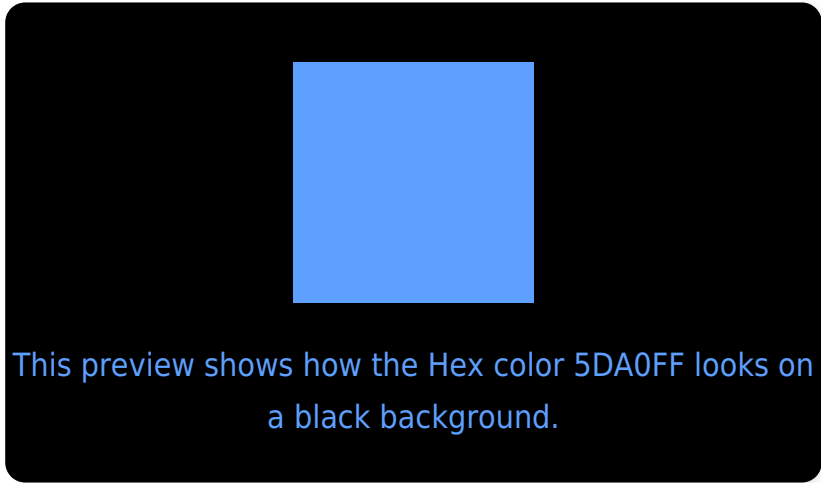
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

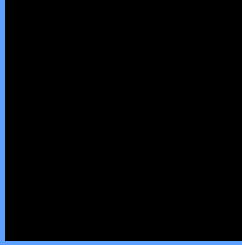
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

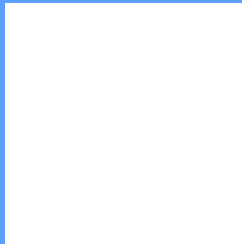
Any Text WCAG AAA ✓ Pass

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

Hex 5DA0FF Background



This preview shows how black text looks on a background with the Hex color 5DA0FF.



This preview shows how white text looks on a background with the Hex color 5DA0FF.

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](#).

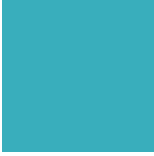
Dichromacy



Original Color
5DA0FF

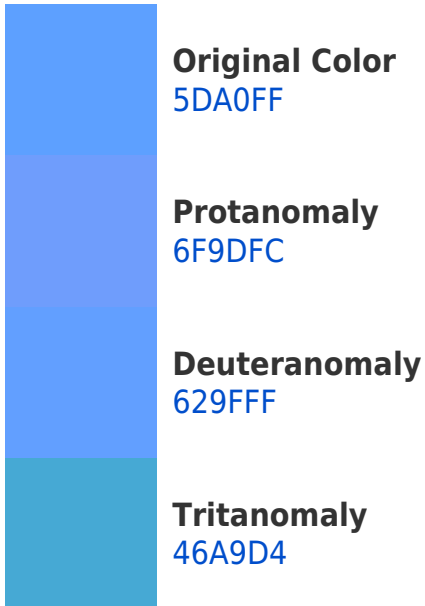
Protanopia
7A9BFB

Deuteranopia
659FFF

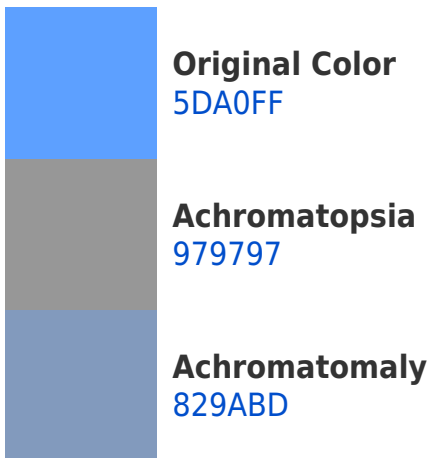


Tritanopia
39AEB3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5DA0FF 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 #5DA0FF looks like.

```
.text, #text, p{  
    color:#5DA0FF  
}
```

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 #5DA0FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5DA0FF
}
```

Border

The CSS property to change the border of an element to Hex 5DA0FF 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
#5DA0FF }
```

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

```
.border{ border-color:#5DA0FF }
```

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

Here you see how a box with a 4 pixel #5DA0FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5DA0FF; -webkit-box-shadow:4px 4px  
4px 4px #5DA0FF; box-shadow:4px 4px 4px  
4px #5DA0FF }
```

Background

The CSS property to change the background color of an element to Hex 5DA0FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5DA0FF }
```

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

```
.background{ background-color:#5DA0FF }
```

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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