

Converting Colors

Hex(6DBBFF)

Have a look what the booklet for
Hex(6DBBFF) contains.

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Color

Hex(6DBBFF)

Conversions

Conversions Part 1

Format	Color
Hex	6DBBFF
RGB	109, 187, 255
RGB Percent	43%, 73%, 100%
CMY	0.5725, 0.2667, 0.0000
CMYK	0.57, 0.27, 0.00, 0.00
HSL	208°, 100%, 71%
HSV	208°, 57%, 100%
XYZ	42.1270, 46.0119, 101.2686
YIQ	171.4300, -68.3160, 4.6120

Conversions

Conversions Part 2

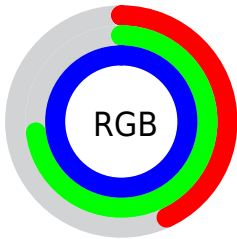
Format	Color
R _Y B	109, 160, 255
Decimal	7191551
CIE Lab	73.55, -4.78, -40.82
CIE LCh	74, 41.102, 263.316
Yxy	46.0119, 0.2224, 0.2429
Android (android.graphics.Color)	4285381631 (0xFF6DBBFF)
YUV	171.4300, 41.2000, -54.7511
Hunter-Lab	67.8320, -7.8489, -41.0335

Details

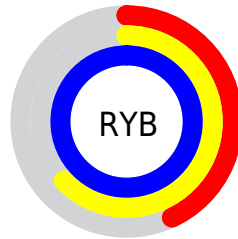
The Hex color **6DBBFF** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **FFB16D**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **A9F3FF**, and **2686C6** is the 20% darker color. If you saturate the color by 10%, you get **54AFFF**, and if you desaturate by 10%, it is **87C7FF**.

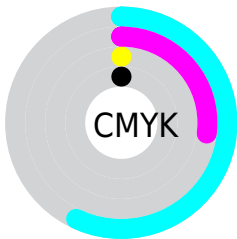
Distribution



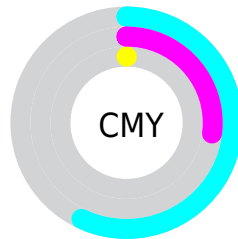
- Red (43%)
- Green (73%)
- Blue (100%)



- Red (43%)
- Yellow (63%)
- Blue (100%)



- Cyan (57%)
- Magenta (27%)
- Yellow (0%)
- Black (0%)



- Cyan (57%)
- Magenta (27%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6DBBFF 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 6DBBFF by changing the saturation by 10% instead.

 6DBBFF

 6DBBFF

FFFFFF

 4DA0E2


 A9F3FF

 2686C6

 C7FFFF

 006DAA

 E6FFFF

 005590

 003E76

 00295D

 001445

 00032E

 000118

 6DBBFF

 6DBBFF

 54AFFF

 87C7FF

 3AA3FF

 A0D3FF

 2197FF

 BADFFF

 078BFF

 D3EBFF

 0088FF

 EDF6FF

FFFFFF

Harmonies

Analogous

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



19C4F0



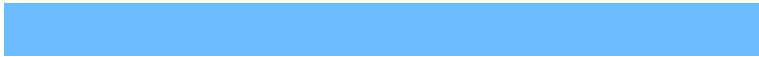
6DBBFF



ADAEFA

Triad

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



6DBBFF



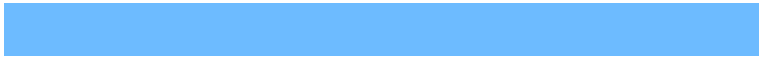
FE9999



83C486

Complementary

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



6DBBFF



FFB16D

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.



AFBB6E



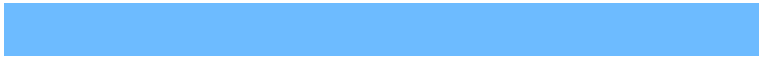
6DBBFF



F1A27A

Square

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



6DBBFF



F898BF



D5B069



4FC8AB

Rectangle

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



6DBBFF



CEA5EC



D5B069



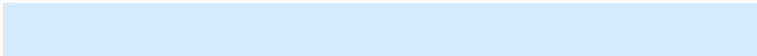
93C27C

Sweetspot

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



6DBBFF



D4EBFF



6DFFAF



667480



000000



808080

Same Dimension

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



6DBBFF



4FADFF



6D74FF



737A80



0066BF



002240

Inverse Universe

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



FF6DBB



FF4FAD



FFF86D



80737A



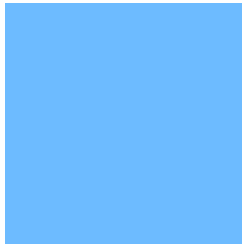
BF0066



400022

Previews

White Background



This preview shows how the Hex color 6DBBFF looks on a white background.

Color Contrast Check

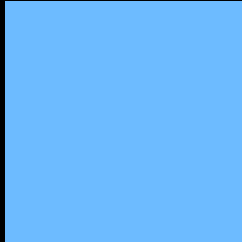
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 6DBBFF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

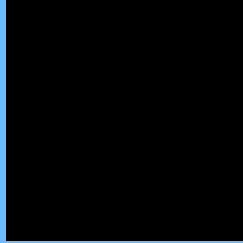
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

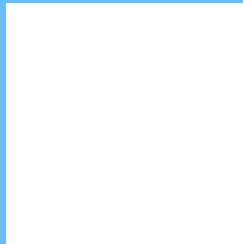
Any Text WCAG AAA ✓ Pass

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

Hex 6DBBFF Background



This preview shows how black text looks on a background with the Hex color 6DBBFF.



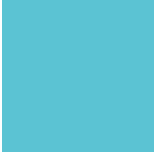
This preview shows how white text looks on a background with the Hex color 6DBBFF.

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](#).

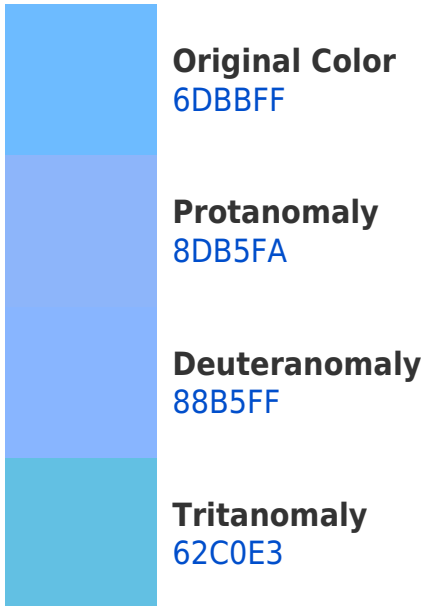
Dichromacy



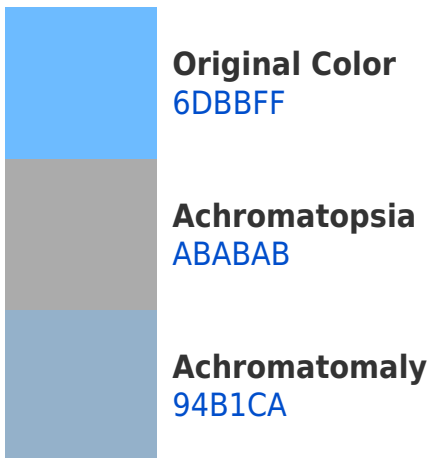


Tritanopia
5BC3D3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6DBBFF 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 #6DBBFF looks like.

```
.text, #text, p{  
    color:#6DBBFF  
}
```

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 #6DBBFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6DBBFF
}
```

Border

The CSS property to change the border of an element to Hex 6DBBFF 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
#6DBBFF }
```

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

```
.border{ border-color:#6DBBFF }
```

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

Here you see how a box with a 4 pixel #6DBBFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6DBBFF; -webkit-box-shadow:4px 4px  
4px 4px #6DBBFF; box-shadow:4px 4px 4px  
4px #6DBBFF }
```

Background

The CSS property to change the background color of an element to Hex 6DBBFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6DBBFF }
```

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

```
.background{ background-color:#6DBBFF }
```

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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