

Converting Colors

Hex(64CAFE)

Have a look what the booklet for
Hex(64CAFE) contains.

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Color

Hex(64CAFE)

Conversions

Conversions Part 1

Format	Color
Hex	64CAFE
RGB	100, 202, 254
RGB Percent	39%, 79%, 100%
CMY	0.6078, 0.2078, 0.0039
CMYK	0.61, 0.20, 0.00, 0.00
HSL	200°, 99%, 69%
HSV	200°, 61%, 100%
XYZ	44.2655, 52.1061, 101.4904
YIQ	177.4300, -77.4840, -5.4520

Conversions

Conversions Part 2

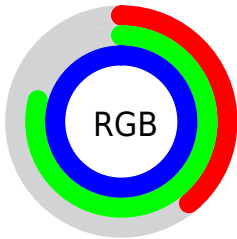
Format	Color
RYB	100, 161, 254
Decimal	6605566
CIELab	77.34, -14.78, -34.43
CIELCh	77, 37.467, 246.766
Yxy	52.1061, 0.2237, 0.2633
Android (android.graphics.Color)	4284795646 (0xFF64CAFE)
YUV	177.4300, 37.7490, -67.9061
Hunter-Lab	72.1846, -16.8622, -32.8316

Details

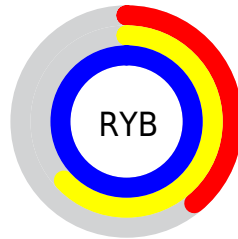
The Hex color **64CAFE** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **FE9864**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **A2FFFF**, and **0B94C5** is the 20% darker color. If you saturate the color by 10%, you get **4BC1FE**, and if you desaturate by 10%, it is **7DD3FE**.

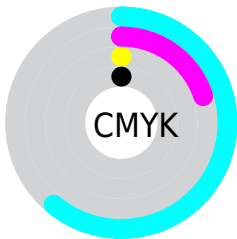
Distribution



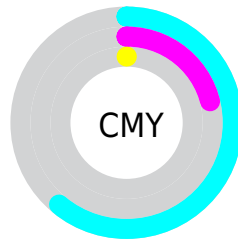
- Red (39%)
- Green (79%)
- Blue (100%)



- Red (39%)
- Yellow (63%)
- Blue (100%)



- Cyan (61%)
- Magenta (20%)
- Yellow (0%)
- Black (0%)



- Cyan (61%)
- Magenta (21%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 64CAFE 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 64CAFE by changing the saturation by 10% instead.

 64CAFE

 64CAFE

FFFFFF

 41AFE1

 A2FFFF

 0B94C5

 C1FFFF

 007AAA

 DFFFFF

 00618F

FEFFFF

 004A75

 00335C

 001F44

 00042E

 000118

■ 64CAFE

■ 64CAFE

■ 4BC1FE

■ 7DD3FE

■ 31B9FE

■ 97DBFE

■ 18B0FE

■ B0E4FE

■ 00A8FE

■ CAECFE

■ E3F5FE

■ FCFDFE

FFFFFE

Harmonies

Analogous

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



41D0E7



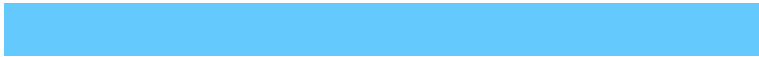
64CAFE



9BC0FF

Triad

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



64CAFE



FFA4B8



A9C986

Complementary

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



64CAFE



FE9864

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.



CFBF7A



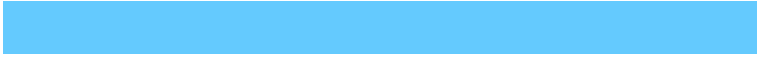
64CAFE



FFA997

Square

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



64CAFE



F2A9DB



EDB480



80D0A3

Rectangle

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



64CAFE



BEB7FD



EDB480



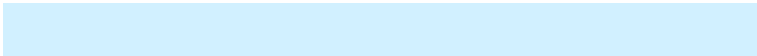
B6C680

Sweetspot

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



64CAFE



D1F0FF



64FE97



637680



000000



808080

Same Dimension

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



64CAFE



45C0FF



647EFE



737B80



007FBF



002A40

Inverse Universe

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



FE64CA



FF45C0



FEE464



80737B



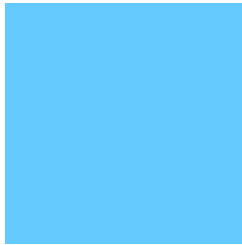
BF007F



40002A

Previews

White Background



This preview shows how the Hex color 64CAFE looks on a white background.

Color Contrast Check

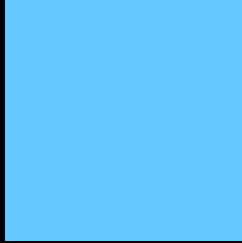
Large Text (above 18pt) WCAG AA × Fail

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 64CAFE 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

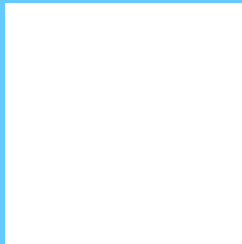
Any Text WCAG AAA ✓ Pass

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

Hex 64CAFE Background



This preview shows how black text looks on a background with the Hex color 64CAFE.

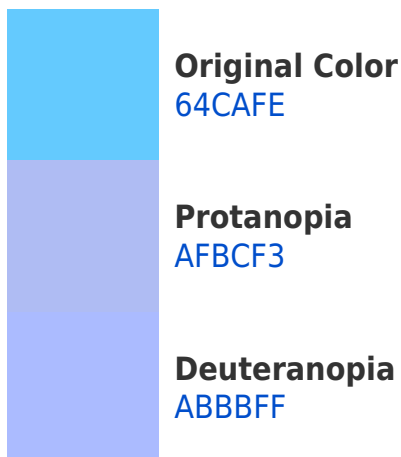


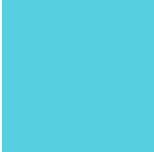
This preview shows how white text looks on a background with the Hex color 64CAFE.

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](#).

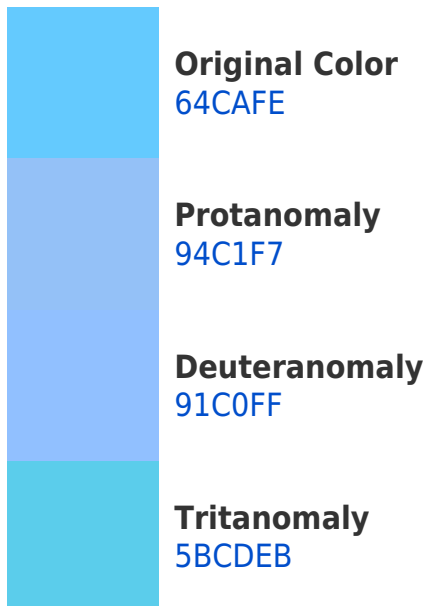
Dichromacy



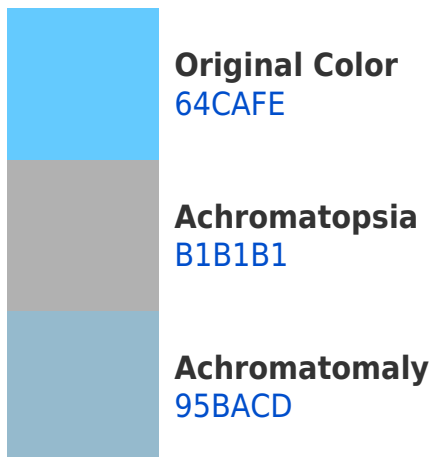


Tritanopia
56CFE0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 64CAFE 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 #64CAFE looks like.

```
.text, #text, p{  
    color:#64CAFE  
}
```

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 #64CAFE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64CAFE
}
```

Border

The CSS property to change the border of an element to Hex 64CAFE 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
#64CAFE }
```

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

```
.border{ border-color:#64CAFE }
```

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

Here you see how a box with a 4 pixel #64CAFE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64CAFE; -webkit-box-shadow:4px 4px  
4px 4px #64CAFE; box-shadow:4px 4px 4px  
4px #64CAFE }
```

Background

The CSS property to change the background color of an element to Hex 64CAFE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64CAFE }
```

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

```
.background{ background-color:#64CAFE }
```

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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