

Converting Colors

Hex(64FFDF)

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

| | |
|--|----|
| Hex(64FFDF) | 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(64FFDF)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 64FFDF |
| RGB | 100, 255, 223 |
| RGB Percent | 39%, 100%, 87% |
| CMY | 0.6078, 0.0000, 0.1255 |
| CMYK | 0.61, 0.00, 0.13, 0.00 |
| HSL | 168°, 100%, 70% |
| HSV | 168°, 61%, 100% |
| XYZ | 54.3348, 79.5570, 82.3043 |
| YIQ | 205.0070, -82.1080, -42.8120 |

Conversions

Conversions Part 2

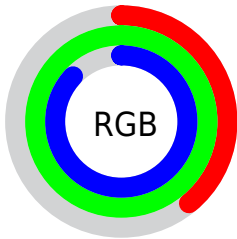
| Format | Color |
|--|---|
| RYB | 100, 186, 255 |
| Decimal | 6619103 |
| CIELab | 91.49, -48.33, 3.13 |
| CIElCh | 91, 48.432, 176.291 |
| Yxy | 79.5570, 0.2513, 0.3680 |
| Android (android.graphics.Color) | 4284809183 (0xFF64FFDF) |
| YUV | 205.0070, 8.8705, -92.0911 |
| Hunter-Lab | 89.1948, -47.3539, 7.7266 |

Details

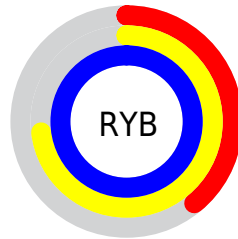
The Hex color **64FFDF** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **FF6484**, and the grayscale version is **CDCDCD**.

A 20% lighter version of the original color is **A4FFFF**, and **00C5A8** is the 20% darker color. If you saturate the color by 10%, you get **4BFFDA**, and if you desaturate by 10%, it is **7DFFE4**.

Distribution



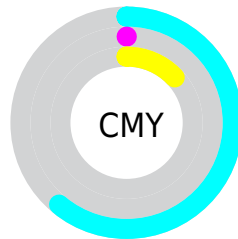
- Red (39%)
- Green (100%)
- Blue (87%)



- Red (39%)
- Yellow (73%)
- Blue (100%)



- Cyan (61%)
- Magenta (0%)
- Yellow (13%)
- Black (0%)



- Cyan (61%)
- Magenta (0%)
- Yellow (13%)

Brightness & Saturation Gradients

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

 64FFDF

FFFFFF

 A4FFFF

 C3FFFF

 E2FFFF

 64FFDF

 3FE2C3

 00C5A8

 00AA8E

 008E74

 00745B

 005A44

 00422E

 002C19

 000A00

 64FFDF

 64FFDF

 4BFFDA

 7DFFE4

 31FFD4

 97FFEA

 18FFCF

 B1FFEF

 00FFCA

 CAFFF4

 E3FFF9

 FDFFFF

 FFFFFFFF

Harmonies

Analogous

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



A4FAB1



64FFDF



04FFFF

Triad

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



64FFDF



E3DDFF



FFD29B

Complementary

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



64FFDF



FF6484

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.



FFC5C0



64FFDF



FFCCFF

Square

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



64FFDF



98EDFF



FFC3EE



FFE289

Rectangle

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



64FFDF



16FBFF



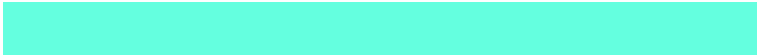
FFC3EE



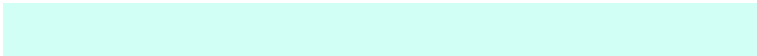
FFCDA5

Sweetspot

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



64FFDF



D1FFF6



86FF64



63807A



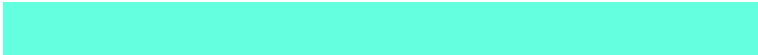
000000



808080

Same Dimension

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



64FFDF



45FFD9



64D3FF



73807D



00BF98



004033

Inverse Universe

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



FF6484



FF456B



FF9064



807375



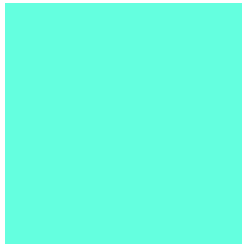
BF0027



40000D

Previews

White Background



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

Color Contrast Check

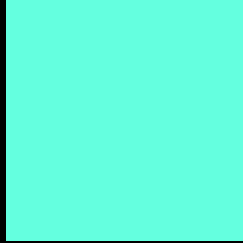
Large Text (above 18pt) WCAG AA × Fail

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 64FFDF 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 64FFDF Background



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

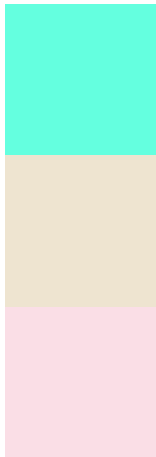


This preview shows how white text looks on a background with the Hex color 64FFDF.

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](#).

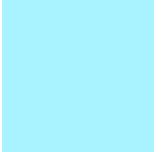
Dichromacy



Original Color
64FFDF

Protanopia
EEE4D0

Deuteranopia
FADEE6



Tritanopia
A9F2FF

Trichromacy



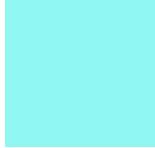
Original Color
64FFDF



Protanomaly
BCEED5



Deuteranomaly
C3EAE3

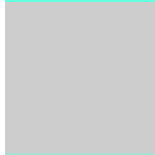


Tritanomaly
90F7F3

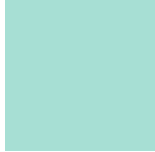
Monochromacy



Original Color
64FFDF



Achromatopsia
CDCDCD



Achromatomaly
A7DFD4

CSS Examples

Text

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

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

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 #64FFDF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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