

Converting Colors

Hex(68DC64)

Have a look what the booklet for
Hex(68DC64) contains.

Hex(68DC64)	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(68DC64)

Conversions

Conversions Part 1

Format	Color
Hex	68DC64
RGB	104, 220, 100
RGB Percent	41%, 86%, 39%
CMY	0.5922, 0.1373, 0.6078
CMYK	0.53, 0.00, 0.55, 0.14
HSL	118°, 63%, 63%
HSV	118°, 55%, 86%
XYZ	33.6024, 55.0496, 20.9112
YIQ	171.6360, -30.6160, -61.9120

Conversions

Conversions Part 2

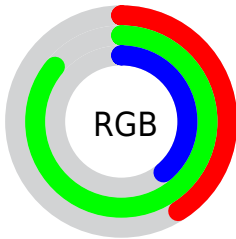
Format	Color
RYB	100, 220, 216
Decimal	6872164
CIELab	79.07, -56.24, 48.52
CIELCh	79, 74.277, 139.211
Yxy	55.0496, 0.3067, 0.5024
Android (android.graphics.Color)	4285062244 (0xFF68DC64)
YUV	171.6360, -35.3165, -59.3168
Hunter-Lab	74.1954, -49.0010, 35.2265

Details

The Hex color **68DC64** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **D864DC**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **A3FF9A**, and **25A430** is the 20% darker color. If you saturate the color by 10%, you get **53DC4E**, and if you desaturate by 10%, it is **7DDC7A**.

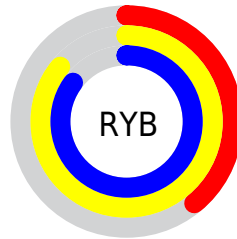
Distribution



Red (41%)

Green (86%)

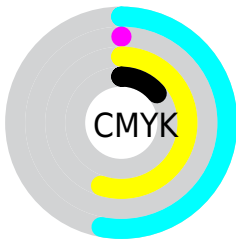
Blue (39%)



Red (39%)

Yellow (86%)

Blue (85%)

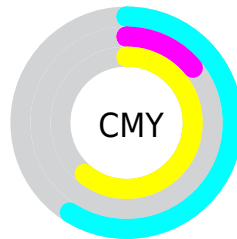


Cyan (53%)

Magenta (0%)

Yellow (55%)

Black (14%)



Cyan (59%)

Magenta (14%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 68DC64 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 68DC64 by changing the saturation by 10% instead.

 68DC64

 68DC64

FFFFFF

 49C04A

 A3FF9A

 25A430

 C1FFB5

 008912

 DEFFD1

 006F00

 FDFEE

 005500

 003C00

 002500

 000000

 68DC64

 68DC64

 53DC4E

 7DDC7A

 3DDC38

 93DC90

 28DC22

 A8DCA6

 13DC0C

 BDDCBC

 07DC00

 D2DCD2

 E8DCE8

 FDDCFE

 FFDCFF

Harmonies

Analogous

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



BDCE31



68DC64



00E3A8

Triad

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



68DC64



00D3FF



FF859A

Complementary

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



68DC64



D864DC

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.



FF85E0



68DC64



95BCFF

Square

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



68DC64



00E0FF



FF9EFF



FF9C5C

Rectangle

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



68DC64



00E5D8



FF9EFF



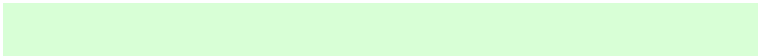
FF82B1

Sweetspot

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



68DC64



D8FFD6



DCD864



688067



000000



808080

Same Dimension

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



68DC64



5FFF59



64DC9C



636E63



06AD00



022E00

Inverse Universe

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



D864DC



F959FF



DC64A4



6D636E



A800AD



2C002E

Previews

White Background



This preview shows how the Hex color 68DC64 looks on a white background.

Color Contrast Check

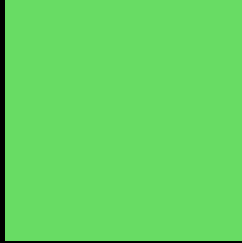
Large Text (above 18pt) WCAG AA × Fail

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 68DC64 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

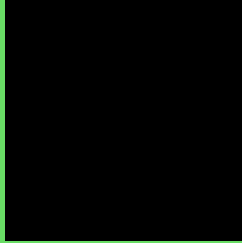
Any Text WCAG AA ✓ Pass

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 68DC64 Background



This preview shows how black text looks on a background with the Hex color 68DC64.

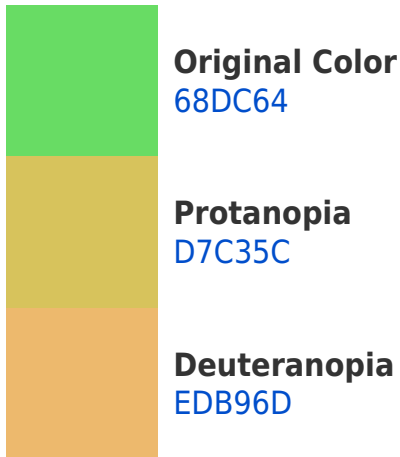


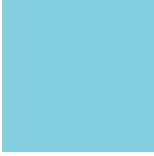
This preview shows how white text looks on a background with the Hex color 68DC64.

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](#).

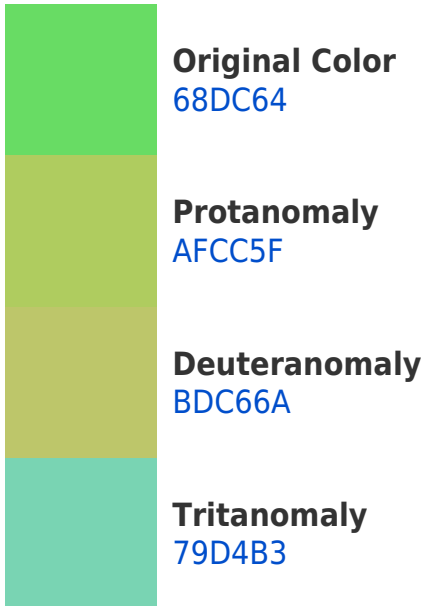
Dichromacy



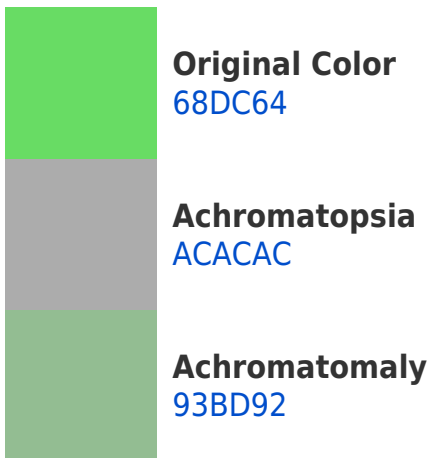


Tritanopia
83CFE0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 68DC64 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 #68DC64 looks like.

```
.text, #text, p{  
    color:#68DC64  
}
```

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 #68DC64 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68DC64
}
```

Border

The CSS property to change the border of an element to Hex 68DC64 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
#68DC64 }
```

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

```
.border{ border-color:#68DC64 }
```

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

Here you see how a box with a 4 pixel #68DC64 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68DC64; -webkit-box-shadow:4px 4px  
4px 4px #68DC64; box-shadow:4px 4px 4px  
4px #68DC64 }
```

Background

The CSS property to change the background color of an element to Hex 68DC64 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68DC64 }
```

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

```
.background{ background-color:#68DC64 }
```

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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