

Converting Colors

Hex(68DE75)

Have a look what the booklet for
Hex(68DE75) contains.

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Color

Hex(68DE75)

Conversions

Conversions Part 1

Format	Color
Hex	68DE75
RGB	104, 222, 117
RGB Percent	41%, 87%, 46%
CMY	0.5922, 0.1294, 0.5412
CMYK	0.53, 0.00, 0.47, 0.13
HSL	127°, 64%, 64%
HSV	127°, 53%, 87%
XYZ	35.0411, 56.4700, 25.8826
YIQ	174.7480, -36.6230, -57.6710

Conversions

Conversions Part 2

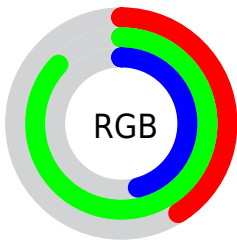
Format	Color
RYB	104, 210, 222
Decimal	6872693
CIELab	79.88, -54.76, 41.42
CIELCh	80, 68.656, 142.895
Yxy	56.4700, 0.2985, 0.4810
Android (android.graphics.Color)	4285062773 (0xFF68DE75)
YUV	174.7480, -28.4698, -62.0460
Hunter-Lab	75.1465, -48.2712, 32.1814

Details

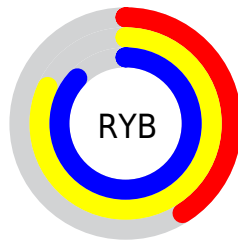
The Hex color **68DE75** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **DE68D1**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **A3FFAB**, and **25A642** is the 20% darker color. If you saturate the color by 10%, you get **52DE61**, and if you desaturate by 10%, it is **7EDE89**.

Distribution



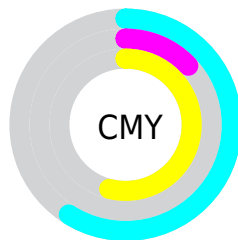
- Red (41%)
- Green (87%)
- Blue (46%)



- Red (41%)
- Yellow (82%)
- Blue (87%)



- Cyan (53%)
- Magenta (0%)
- Yellow (47%)
- Black (13%)



- Cyan (59%)
- Magenta (13%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 68DE75 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 68DE75 by changing the saturation by 10% instead.

 68DE75

 68DE75

FFFFFF

 49C25B

 A3FFAB

 25A642

 C0FFC6

 008B29

 DEFFE3

 00700C

 FCFFFF

 005700

 003E00

 002800

 000000

 68DE75

 68DE75

 52DE61

 7EDE89

 3CDE4D

 94DE9D

 25DE3A

 ABDEB0

 0FDE26

 C1DEC4

 00DE18

 D7DED8

 EDDEEC

 FFDEFF

Harmonies

Analogous

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



B9D147



68DE75



00E4B4

Triad

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



68DE75



00D2FF



FF9098

Complementary

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



68DE75



DE68D1

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.



FF8DD8



68DE75



ADEBFF

Square

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



68DE75



00DFFF



FFA0FF



FFA561

Rectangle

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



68DE75



00E5E1



FFA0FF



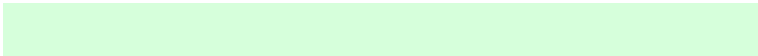
FF8CAD

Sweetspot

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



68DE75



D6FFDB



D2DE68



67806A



000000



808080

Same Dimension

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



68DE75



5CFF6E



68DEAF



657066



00B013



003005

Inverse Universe

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



DE68D1



FF5CED



DE6897



70656F



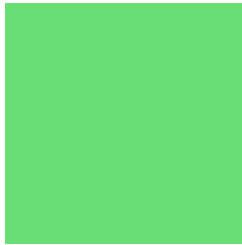
B0009D



30002B

Previews

White Background



This preview shows how the Hex color 68DE75 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 68DE75 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

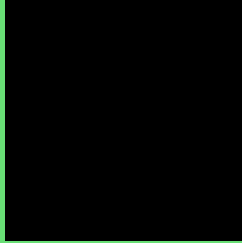
Any Text WCAG AA ✓ Pass

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 68DE75 Background



This preview shows how black text looks on a background with the Hex color 68DE75.

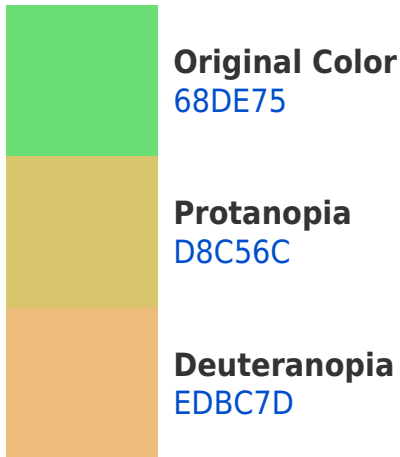


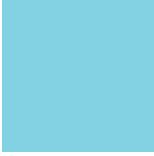
This preview shows how white text looks on a background with the Hex color 68DE75.

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](#).

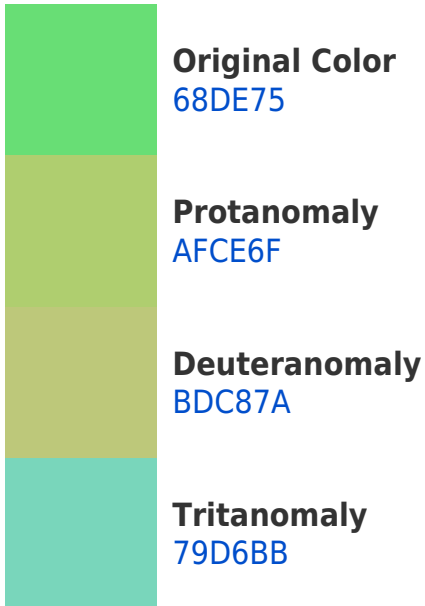
Dichromacy



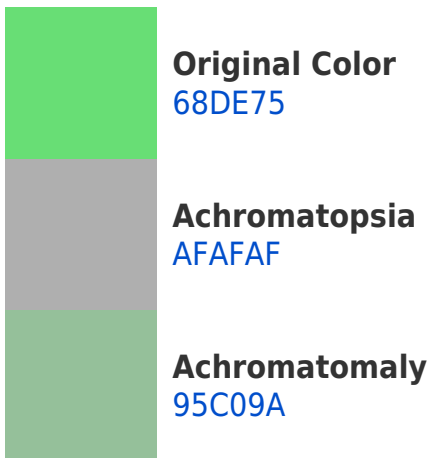


Tritanopia
82D2E3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 68DE75 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 #68DE75 looks like.

```
.text, #text, p{  
    color:#68DE75  
}
```

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 #68DE75 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68DE75
}
```

Border

The CSS property to change the border of an element to Hex 68DE75 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
#68DE75 }
```

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

```
.border{ border-color:#68DE75 }
```

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

Here you see how a box with a 4 pixel #68DE75 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68DE75; -webkit-box-shadow:4px 4px  
4px 4px #68DE75; box-shadow:4px 4px 4px  
4px #68DE75 }
```

Background

The CSS property to change the background color of an element to Hex 68DE75 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68DE75 }
```

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

```
.background{ background-color:#68DE75 }
```

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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