

Converting Colors

Hex(66D475)

Have a look what the booklet for
Hex(66D475) contains.

Hex(66D475)	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(66D475)

Conversions

Conversions Part 1

Format	Color
Hex	66D475
RGB	102, 212, 117
RGB Percent	40%, 83%, 46%
CMY	0.6000, 0.1686, 0.5412
CMYK	0.52, 0.00, 0.45, 0.17
HSL	128°, 56%, 62%
HSV	128°, 52%, 83%
XYZ	32.2339, 51.1961, 25.0126
YIQ	168.2800, -35.0650, -52.8650

Conversions

Conversions Part 2

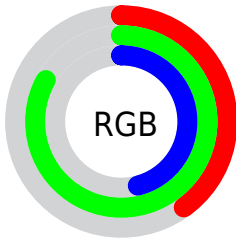
Format	Color
RYB	102, 199, 212
Decimal	6739061
CIELab	76.80, -51.31, 37.51
CIElCh	77, 63.556, 143.833
Yxy	51.1961, 0.2972, 0.4721
Android (android.graphics.Color)	4284929141 (0xFF66D475)
YUV	168.2800, -25.2810, -58.1276
Hunter-Lab	71.5515, -44.8010, 29.3597

Details

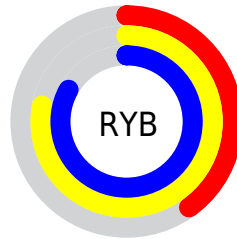
The Hex color **66D475** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **D466C5**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **A0FFAA**, and **269C42** is the 20% darker color. If you saturate the color by 10%, you get **51D463**, and if you desaturate by 10%, it is **7BD487**.

Distribution



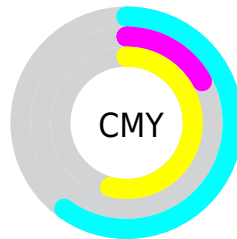
- Red (40%)
- Green (83%)
- Blue (46%)



- Red (40%)
- Yellow (78%)
- Blue (83%)



- Cyan (52%)
- Magenta (0%)
- Yellow (45%)
- Black (17%)



- Cyan (60%)
- Magenta (17%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 66D475 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 66D475 by changing the saturation by 10% instead.

 66D475

 66D475

FFFFFF

 48B85B

 A0FFAA

 269C42

 BDFFC6

 00822A

 DAFEE2

 006810

 F8FFFF

 004E00

 003600

 002000

 000000

 66D475

 66D475

 51D463


 7BD487

 3CD450

 90D49A

 26D43E

 A6D4AC

 11D42C

 BBD4BE

 00D41D

 D0D4D1

 E5D4E3

 FAD4F5

 FFD4FF

Harmonies

Analogous

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



B0C84B



66D475



00DAAF

Triad

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



66D475



00C8FF



FF8D91

Complementary

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



66D475



D466C5

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.



FF8ACC



66D475



ABB3FF

Square

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



66D475



00D5FF



FA9BFF



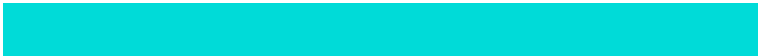
FFA060

Rectangle

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



66D475



00DBD8



FA9BFF



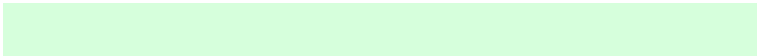
FF8AA5

Sweetspot

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



66D475



D6FFDC



C5D466



67806B



000000



808080

Same Dimension

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



66D475



61FF76



66D4AC



606B62



00AB17



002B06

Inverse Universe

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



D466C5



FF61E9



D4668E



6B606A



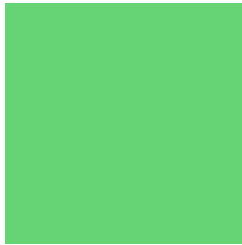
AB0094



2B0025

Previews

White Background



This preview shows how the Hex color 66D475 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 66D475 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

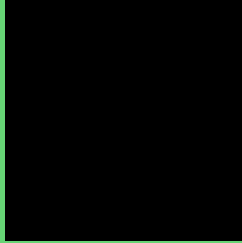
Any Text WCAG AA ✓ Pass

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 66D475 Background



This preview shows how black text looks on a background with the Hex color 66D475.

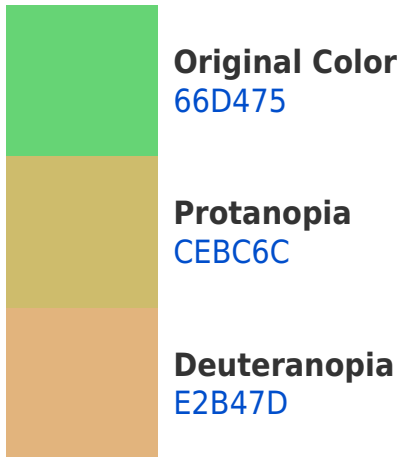


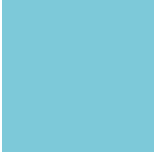
This preview shows how white text looks on a background with the Hex color 66D475.

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
7DC9D9

Trichromacy



Original Color
66D475



Protanomaly
A8C56F



Deuteranomaly
B5C07A



Tritanomaly
75CDB5

Monochromacy



Original Color
66D475



Achromatopsia
A8A8A8



Achromatomaly
90B895

CSS Examples

Text

The CSS property to change the color of the text to Hex 66D475 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 #66D475 looks like.

```
.text, #text, p{  
    color:#66D475  
}
```

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 #66D475 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66D475
}
```

Border

The CSS property to change the border of an element to Hex 66D475 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
#66D475 }
```

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

```
.border{ border-color:#66D475 }
```

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

Here you see how a box with a 4 pixel #66D475 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66D475; -webkit-box-shadow:4px 4px  
4px 4px #66D475; box-shadow:4px 4px 4px  
4px #66D475 }
```

Background

The CSS property to change the background color of an element to Hex 66D475 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66D475 }
```

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

```
.background{ background-color:#66D475 }
```

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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