

Converting Colors

Hex(46D762)

Have a look what the booklet for
Hex(46D762) contains.

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Color

Hex(46D762)

Conversions

Conversions Part 1

Format	Color
Hex	46D762
RGB	70, 215, 98
RGB Percent	27%, 84%, 38%
CMY	0.7255, 0.1569, 0.6157
CMYK	0.67, 0.00, 0.54, 0.16
HSL	132°, 64%, 56%
HSV	132°, 67%, 84%
XYZ	29.0308, 50.7848, 19.8276
YIQ	158.3070, -48.8630, -67.1270

Conversions

Conversions Part 2

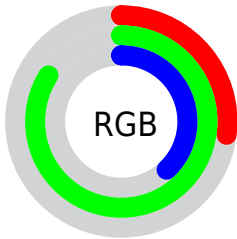
Format	Color
RYB	70, 192, 215
Decimal	4642658
CIELab	76.55, -62.19, 46.20
CIELCh	77, 77.475, 143.389
Yxy	50.7848, 0.2913, 0.5097
Android (android.graphics.Color)	4282832738 (0xFF46D762)
YUV	158.3070, -29.7314, -77.4452
Hunter-Lab	71.2635, -51.9949, 33.3882

Details

The Hex color **46D762** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted spring green. A complement of this color would be **D746BB**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **87FF97**, and **009F2E** is the 20% darker color. If you saturate the color by 10%, you get **31D751**, and if you desaturate by 10%, it is **5CD773**.

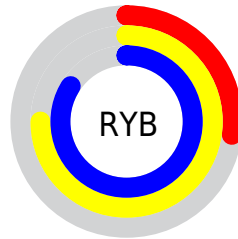
Distribution



Red (27%)

Green (84%)

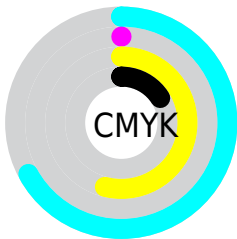
Blue (38%)



Red (27%)

Yellow (75%)

Blue (84%)

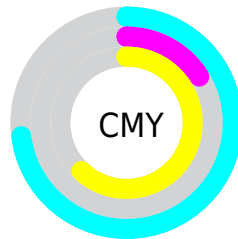


Cyan (67%)

Magenta (0%)

Yellow (54%)

Black (16%)



Cyan (73%)

Magenta (16%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 46D762 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 46D762 by changing the saturation by 10% instead.

 46D762

 46D762

FFFFFF

 19BB48

 87FF97

 009F2E

 A5FFB3

 008411

 C3FFCF

 006900

 E2FFEC

 005000

 003800

 001F00

 000000

 46D762

 46D762

 31D751

 5CD773

 1BD73F

 71D785

 05D72E

 87D796

 00D72A

 9CD7A7

 B2D7B9

 C7D7CA

 DDD7DB

 F2D7ED

 FFD7FE

Harmonies

Analogous

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



AACA23



46D762



00DDAA

Triad

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



46D762



00CAFF



FF7B88

Complementary

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



46D762



D746BB

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.



FF77D0



46D762



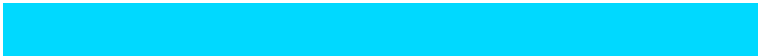
9EB1FF

Square

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



46D762



00D9FF



FF90FF



FF9749

Rectangle

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



46D762



00DFDC



FF90FF



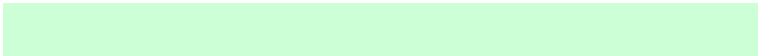
FF76A0

Sweetspot

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



46D762



CCFFD6



BCD746



618067



000000



808080

Same Dimension

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



46D762



30FF58



46D7A9



606B62



00AB21



002B08

Inverse Universe

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



D746BB



FF30D7



D74674



6B6069



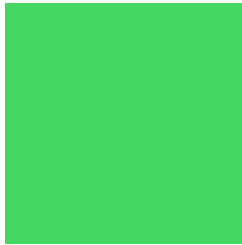
AB008A



2B0023

Previews

White Background



This preview shows how the Hex color 46D762 looks on a white background.

Color Contrast Check

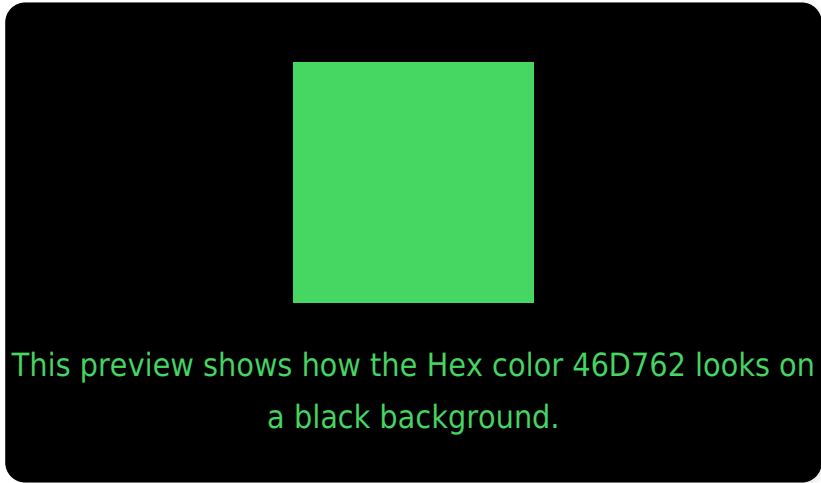
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

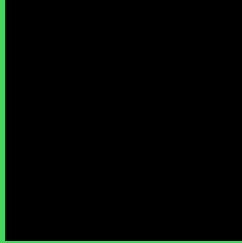
Any Text WCAG AA ✓ Pass

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 46D762 Background



This preview shows how black text looks on a background with the Hex color 46D762.

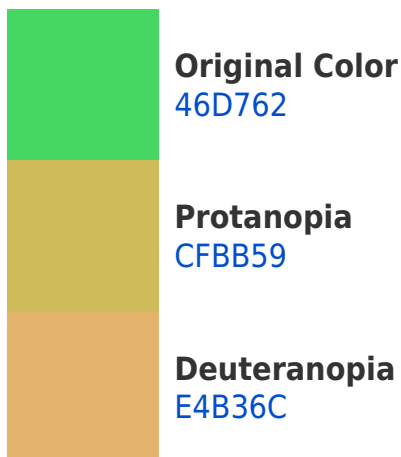


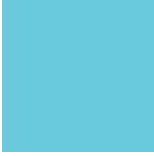
This preview shows how white text looks on a background with the Hex color 46D762.

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





Trichromacy



Original Color
46D762



Protanomaly
9DC55C



Deuteranomaly
ABC068



Tritanomaly
5DCFAF

Monochromacy



Original Color
46D762



Achromatopsia
9E9E9E



Achromatomaly
7EB388

CSS Examples

Text

The CSS property to change the color of the text to Hex 46D762 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 #46D762 looks like.

```
.text, #text, p{  
    color:#46D762  
}
```

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 #46D762 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #46D762
}
```

Border

The CSS property to change the border of an element to Hex 46D762 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
#46D762 }
```

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

```
.border{ border-color:#46D762 }
```

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

Here you see how a box with a 4 pixel #46D762 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #46D762; -webkit-box-shadow:4px 4px  
4px 4px #46D762; box-shadow:4px 4px 4px  
4px #46D762 }
```

Background

The CSS property to change the background color of an element to Hex 46D762 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#46D762 }
```

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

```
.background{ background-color:#46D762 }
```

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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