

# Converting Colors

Hex(D6F24C)

Have a look what the booklet for  
Hex(D6F24C) contains.

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# Color

Hex(D6F24C)

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | D6F24C                      |
| RGB         | 214, 242, 76                |
| RGB Percent | 84%, 95%, 30%               |
| CMY         | 0.1608, 0.0510, 0.7020      |
| CMYK        | 0.12, 0.00, 0.69, 0.05      |
| HSL         | 70°, 86%, 62%               |
| HSV         | 70°, 69%, 95%               |
| XYZ         | 60.7882, 78.3222, 18.7513   |
| YIQ         | 214.7040, 36.5980, -57.5620 |

# Conversions

## Conversions Part 2

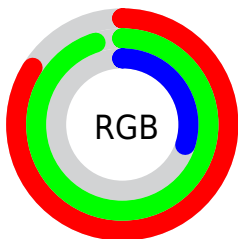
| Format                              | Color  |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">76, 242, 104</a>                                 |
| Decimal                             | <a href="#">14086732</a>                                     |
| CIELab                              | <a href="#">90.93, -30.10, 73.08</a>                         |
| CIElCh                              | <a href="#">91, 79.041, 112.387</a>                          |
| Yxy                                 | <a href="#">78.3222, 0.3851, 0.4961</a>                      |
| Android<br>(android.graphics.Color) | <a href="#">4292276812</a><br>( <a href="#">0xFFD6F24C</a> ) |
| YUV                                 | <a href="#">214.7040, -68.3811, -0.6174</a>                  |
| Hunter-Lab                          | <a href="#">88.4998, -32.2678, 49.3875</a>                   |

# Details

The Hex color **D6F24C** is a light color, and the websafe version is hex **CCFF66**. The color can be described as light washed yellow. A complement of this color would be **684CF2**, and the grayscale version is **D7D7D7**.

A 20% lighter version of the original color is **FFFF86**, and **9CBA00** is the 20% darker color. If you saturate the color by 10%, you get **D2F234**, and if you desaturate by 10%, it is **DAF264**.

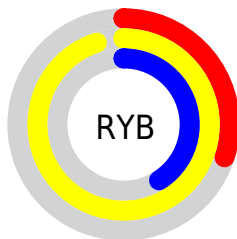
# Distribution



Red (84%)

Green (95%)

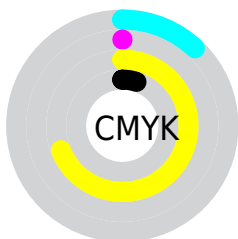
Blue (30%)



Red (30%)

Yellow (95%)

Blue (41%)

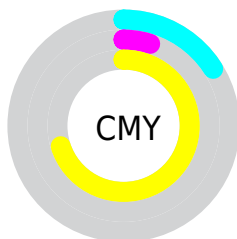


Cyan (12%)

Magenta (0%)

Yellow (69%)

Black (5%)



Cyan (16%)

Magenta (5%)

Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D6F24C 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 D6F24C by changing the saturation by 10% instead.



 D6F24C

 D6F24C

FFFFFF

 B9D62C

 FFFF86

 9CBA00

 FFFFA2

 7F9F00

 FFFFBF

 638500

 FFFFDC

 486B00

 FFFFFA

 2B5300

 0B3C00

 002600

 000600

 D6F24C

 D6F24C

 D2F234

 DAF264

 CEF21C

 DEF27C

 CAF203

 E2F295

 C9F200

 E6F2AD

 EAF2C5

 EEF2DD

 F3F2F5

 F7F2FF

 FBF2FF

# Harmonies

## Analogous

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



FFDA43



D6F24C



76FF84

# Triad

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



D6F24C



00FFFF



FFA1FC

# Complementary

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



D6F24C



684CF2

# 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.



FFB9FF



D6F24C



00F3FF

# Square

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



D6F24C



00FFFF



C4D9FF



FFA3B0

# Rectangle

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



D6F24C



00FFB4



C4D9FF



FFA7FF



# Sweetspot

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



D6F24C



F6FFC9



F2684C



7A8060



000000



808080



# Same Dimension

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



D6F24C



DCFF2E



83F24C



76786C



99B800



2F3800



# Inverse Universe

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



684CF2



512EFF



BB4CF2



6E6C78



1F00B8



090038



# Previews

## White Background



This preview shows how the Hex color D6F24C looks on a white background.

## Color Contrast Check

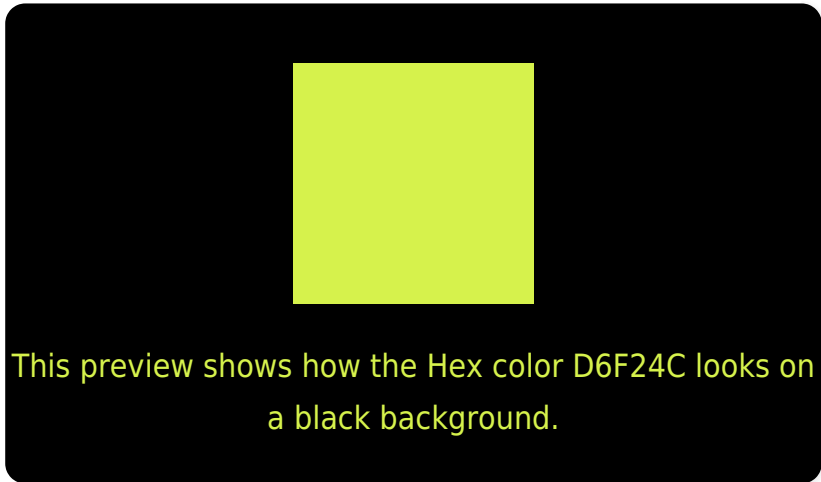
Large Text (above 18pt) WCAG AA × Fail

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 D6F24C Background



This preview shows how black text looks on a background with the Hex color D6F24C.



This preview shows how white text looks on a background with the Hex color D6F24C.

# 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**  
D6F24C

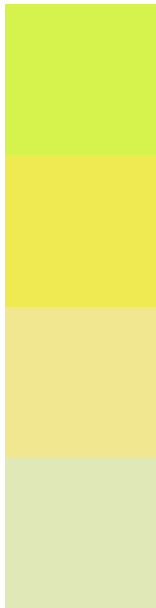
**Protanopia**  
FFE555

**Deuteranopia**  
FFE0B7



**Tritanopia**  
E7E2F4

# Trichromacy



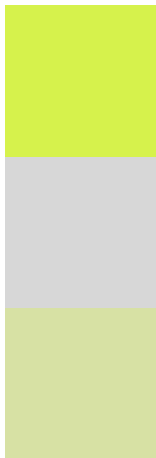
**Original Color**  
D6F24C

**Protanomaly**  
F0EA52

**Deuteranomaly**  
F0E790

**Tritanomaly**  
E1E8B7

# Monochromacy



**Original Color**  
D6F24C

**Achromatopsia**  
D7D7D7

**Achromatomaly**  
D7E1A4

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D6F24C 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 #D6F24C looks like.

```
.text, #text, p{  
    color:#D6F24C  
}
```

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 #D6F24C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D6F24C
}
```

## Border

The CSS property to change the border of an element to Hex D6F24C 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
#D6F24C }
```

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

```
.border{ border-color:#D6F24C }
```

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

Here you see how a box with a 4 pixel #D6F24C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D6F24C; -webkit-box-shadow:4px 4px  
4px 4px #D6F24C; box-shadow:4px 4px 4px  
4px #D6F24C }
```

# Background

The CSS property to change the background color of an element to Hex D6F24C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D6F24C }
```

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

```
.background{ background-color:#D6F24C }
```

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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