

Converting Colors

Hex(74D664)

Have a look what the booklet for
Hex(74D664) contains.

Hex(74D664)	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(74D664)

Conversions

Conversions Part 1

Format	Color
Hex	74D664
RGB	116, 214, 100
RGB Percent	45%, 84%, 39%
CMY	0.5451, 0.1608, 0.6078
CMYK	0.46, 0.00, 0.53, 0.16
HSL	112°, 58%, 62%
HSV	112°, 53%, 84%
XYZ	33.5493, 52.7262, 20.4655
YIQ	171.7020, -21.8140, -56.2300

Conversions

Conversions Part 2

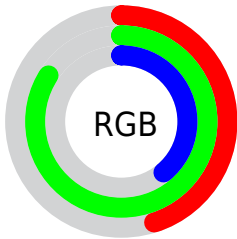
Format	Color
RYB	100, 214, 198
Decimal	7657060
CIELab	77.71, -50.58, 47.01
CIElCh	78, 69.049, 137.093
Yxy	52.7262, 0.3143, 0.4940
Android (android.graphics.Color)	4285847140 (0xFF74D664)
YUV	171.7020, -35.3491, -48.8507
Hunter-Lab	72.6128, -44.6002, 34.1184

Details

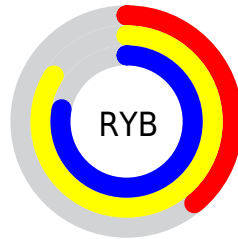
The Hex color **74D664** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **C664D6**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **ADFF99**, and **399E30** is the 20% darker color. If you saturate the color by 10%, you get **62D64F**, and if you desaturate by 10%, it is **86D679**.

Distribution



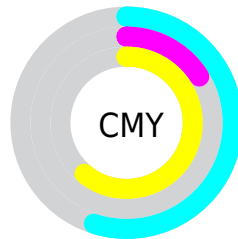
- Red (45%)
- Green (84%)
- Blue (39%)



- Red (39%)
- Yellow (84%)
- Blue (78%)



- Cyan (46%)
- Magenta (0%)
- Yellow (53%)
- Black (16%)



- Cyan (55%)
- Magenta (16%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 74D664 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 74D664 by changing the saturation by 10% instead.

 74D664

 74D664


FFFFFF

 57BA4A

 ADF99

 399E30

 CBFFB5

 118413

 E8FFD1

 006A00

 FFFFEE

 005000

 003800

 002200

 000000

 74D664

 74D664

 62D64F

 86D679

 4FD639

 99D68F

 3DD624

 ABD6A4

 2AD60E

 BED6BA

 1ED600

 D0D6CF

 E2D6E4

 F5D6FA

 FFD6FF

Harmonies

Analogous

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



BFC83A



74D664



00DDA1

Triad

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



74D664



00CFFF



FF879E

Complementary

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



74D664



C664D6

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.



FF89DF



74D664



8EBAFF

Square

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



74D664



00DBFF



F29FFF



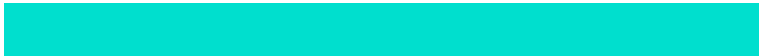
FF9A64

Rectangle

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



74D664



00DFCE



F29FFF



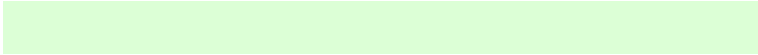
FF84B3

Sweetspot

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



74D664



DCFFD6



D6C564



6B8067



000000



808080

Same Dimension

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



74D664



73FF5C



64D68C



626B60



18AB00



062B00

Inverse Universe

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



C664D6



E85CFF



D664AE



6A606B



9300AB



25002B

Previews

White Background



This preview shows how the Hex color 74D664 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 74D664 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

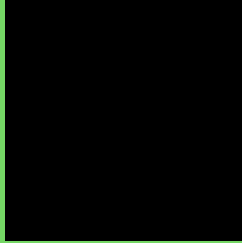
Any Text WCAG AA ✓ Pass

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 74D664 Background



This preview shows how black text looks on a background with the Hex color 74D664.

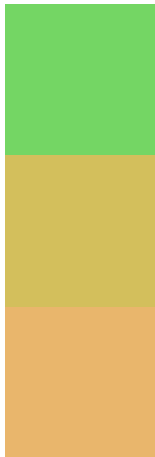


This preview shows how white text looks on a background with the Hex color 74D664.

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](#).

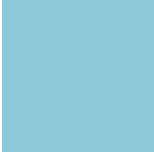
Dichromacy



Original Color
74D664

Protanopia
D3BF5C

Deuteranopia
E9B66C



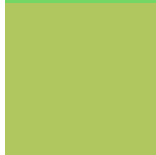
Tritanopia
8BC9DA

Trichromacy



Original Color

74D664



Protanomaly

B0C75F



Deuteranomaly

BEC269



Tritanomaly

83CEAF

Monochromacy



Original Color

74D664



Achromatopsia

ACACAC



Achromatomaly

98BB92

CSS Examples

Text

The CSS property to change the color of the text to Hex 74D664 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 #74D664 looks like.

```
.text, #text, p{  
    color:#74D664  
}
```

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 #74D664 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #74D664
}
```

Border

The CSS property to change the border of an element to Hex 74D664 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
#74D664 }
```

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

```
.border{ border-color:#74D664 }
```

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

Here you see how a box with a 4 pixel #74D664 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #74D664; -webkit-box-shadow:4px 4px  
4px 4px #74D664; box-shadow:4px 4px 4px  
4px #74D664 }
```

Background

The CSS property to change the background color of an element to Hex 74D664 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#74D664 }
```

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

```
.background{ background-color:#74D664 }
```

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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