

Converting Colors

Hex(72D070)

Have a look what the booklet for
Hex(72D070) contains.

Hex(72D070)	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(72D070)

Conversions

Conversions Part 1

Format	Color
Hex	72D070
RGB	114, 208, 112
RGB Percent	45%, 82%, 44%
CMY	0.5529, 0.1843, 0.5608
CMYK	0.45, 0.00, 0.46, 0.18
HSL	119°, 51%, 63%
HSV	119°, 46%, 82%
XYZ	32.4199, 49.8590, 23.2443
YIQ	168.9500, -25.2080, -49.7840

Conversions

Conversions Part 2

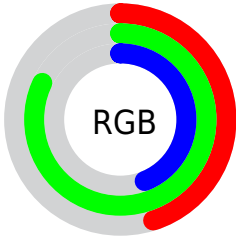
Format	Color
RYB	112, 208, 206
Decimal	7524464
CIELab	75.98, -47.13, 39.06
CIELCh	76, 61.209, 140.347
Yxy	49.8590, 0.3072, 0.4725
Android (android.graphics.Color)	4285714544 (0xFF72D070)
YUV	168.9500, -28.0763, -48.1911
Hunter-Lab	70.6109, -41.6135, 29.9101

Details

The Hex color **72D070** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **CE70D0**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **ABFFA5**, and **38993E** is the 20% darker color. If you saturate the color by 10%, you get **5ED05B**, and if you desaturate by 10%, it is **86D085**.

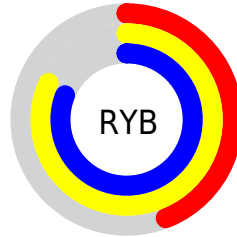
Distribution



Red (45%)

Green (82%)

Blue (44%)



Red (44%)

Yellow (82%)

Blue (81%)

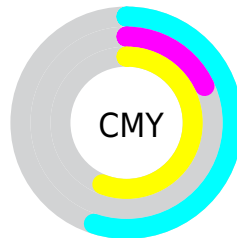


Cyan (45%)

Magenta (0%)

Yellow (46%)

Black (18%)



Cyan (55%)

Magenta (18%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 72D070 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 72D070 by changing the saturation by 10% instead.

 72D070

 72D070

FFFFFF

 56B456

 ABFFA5

 38993E

 C7FFC1

 147E25

 E5FFDD

 006409

 FFFFFA

 004C00

 003400

 001D00

 000000

 72D070

 72D070

 5ED05B

 86D085

 49D046

 9BD09A

 35D032

 AFD0AE

 21D01D

 C3D0C3

 0CD008

 D8D0D8

 04D000

 ECD0ED

 FFD0FF

Harmonies

Analogous

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



B5C44B



72D070



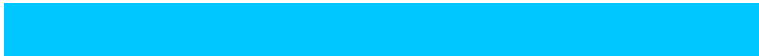
00D6A6

Triad

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



72D070



00C7FF



FF8C97

Complementary

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



72D070



CE70D0

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.



FF8BD0



72D070



9FB4FF

Square

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



72D070



00D3FF



EF9DFF



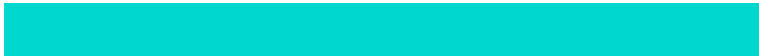
FF9C66

Rectangle

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



72D070



00D7CE



EF9DFF



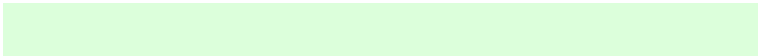
FF89AA

Sweetspot

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



72D070



DCFFDB



D0CD70



6A806A



000000



808080

Same Dimension

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



72D070



76FF73



70D09D



5E695E



04A800



012900

Inverse Universe

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



CE70D0



FC73FF



D070A3



685E69



A500A8



280029

Previews

White Background



This preview shows how the Hex color 72D070 looks on a white background.

Color Contrast Check

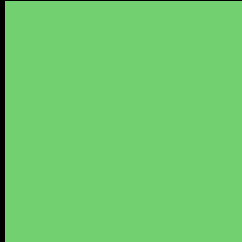
Large Text (above 18pt) WCAG AA × Fail

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 72D070 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

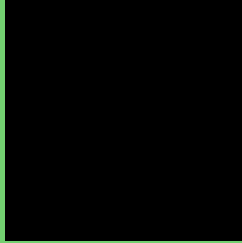
Any Text WCAG AA ✓ Pass

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 72D070 Background



This preview shows how black text looks on a background with the Hex color 72D070.

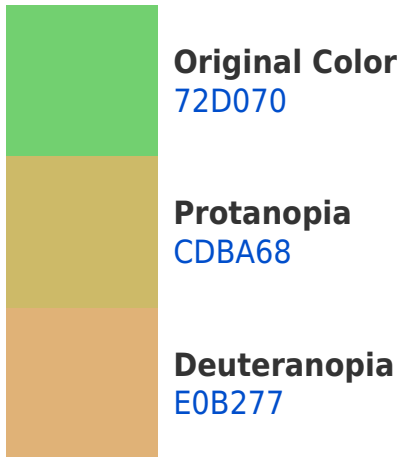


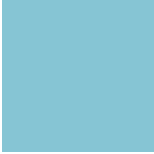
This preview shows how white text looks on a background with the Hex color 72D070.

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
86C5D4

Trichromacy



Original Color
72D070



Protanomaly
ACC26B



Deuteranomaly
B8BD74



Tritanomaly
7FC9B0

Monochromacy



Original Color
72D070



Achromatopsia
A9A9A9



Achromatomaly
95B794

CSS Examples

Text

The CSS property to change the color of the text to Hex 72D070 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 #72D070 looks like.

```
.text, #text, p{  
    color:#72D070  
}
```

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 #72D070 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #72D070
}
```

Border

The CSS property to change the border of an element to Hex 72D070 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
#72D070 }
```

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

```
.border{ border-color:#72D070 }
```

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

Here you see how a box with a 4 pixel #72D070 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #72D070; -webkit-box-shadow:4px 4px  
4px 4px #72D070; box-shadow:4px 4px 4px  
4px #72D070 }
```

Background

The CSS property to change the background color of an element to Hex 72D070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#72D070 }
```

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

```
.background{ background-color:#72D070 }
```

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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