

Converting Colors

Hex(4DB720)

Have a look what the booklet for
Hex(4DB720) contains.

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Color

Hex(4DB720)

Conversions

Conversions Part 1

Format	Color
Hex	4DB720
RGB	77, 183, 32
RGB Percent	30%, 72%, 13%
CMY	0.6980, 0.2824, 0.8745
CMYK	0.58, 0.00, 0.83, 0.28
HSL	102°, 70%, 42%
HSV	102°, 83%, 72%
XYZ	20.2548, 35.5490, 7.1606
YIQ	134.0920, -14.7050, -69.4330

Conversions

Conversions Part 2

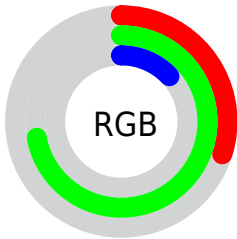
Format	Color
RYB	32, 183, 138
Decimal	5093152
CIELab	66.17, -55.55, 60.95
CIELCh	66, 82.464, 132.343
Yxy	35.5490, 0.3217, 0.5646
Android (android.graphics.Color)	4283283232 (0xFF4DB720)
YUV	134.0920, -50.3314, -50.0697
Hunter-Lab	59.6230, -43.7013, 34.6155

Details

The Hex color **4DB720** is a dark color, and the websafe version is hex **66CC33**. A complement of this color would be **8A20B7**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **89F05B**, and **008100** is the 20% darker color. If you saturate the color by 10%, you get **40B70E**, and if you desaturate by 10%, it is **5AB732**.

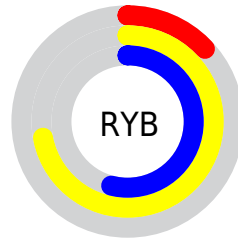
Distribution



Red (30%)

Green (72%)

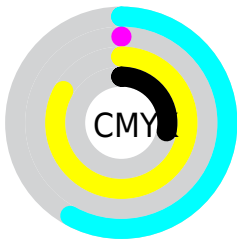
Blue (13%)



Red (13%)

Yellow (72%)

Blue (54%)

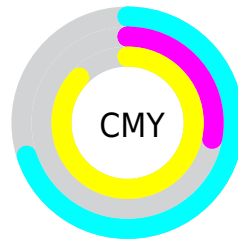


Cyan (58%)

Magenta (0%)

Yellow (83%)

Black (28%)



Cyan (70%)

Magenta (28%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4DB720 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 4DB720 by changing the saturation by 10% instead.

 4DB720

 4DB720

FFFFFF

 2A9C00

 89F05B

 008100

 A6FF77

 006700

 C4FF92

 004E00

 E2FFAE

 003600

 FFFFCB

 001E00

 FFFF E8

 000000

 4DB720

 4DB720

 40B70E

 5AB732

■ 37B700

■ 67B745

■ 74B757

■ 80B769

■ 8DB77C

■ 9AB78E

■ A7B7A0

■ B4B7B2

■ C1B7C5

Harmonies

Analogous

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



A5A700



4DB720



00BF71

Triad

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



4DB720



00B5FF



FF4C86

Complementary

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



4DB720



8A20B7

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.



FF57D0



4DB720



00A0FF

Square

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



4DB720



00C0FF



C97EFF



FF6A3F

Rectangle

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



4DB720



00C1A5



C97EFF



FF4A9E

Sweetspot

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



4DB720



C4EDB2



B78A20



5F7854



F7F7F7



787878

Same Dimension

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



4DB720



48ED02



20B73E



555C53



2E9C00



081C00

Inverse Universe

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



8A20B7



A702ED



B72099



59535C



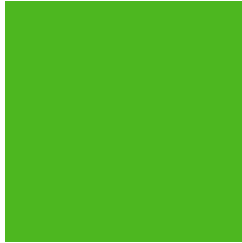
6D009C



14001C

Previews

White Background



This preview shows how the Hex color 4DB720 looks on a white background.

Color Contrast Check

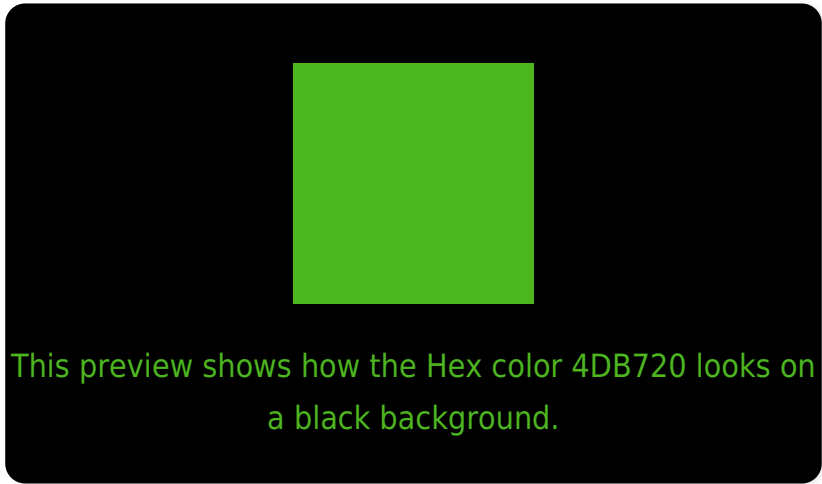
Large Text (above 18pt) WCAG AA × Fail

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

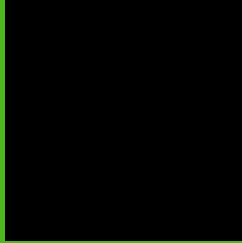
Any Text WCAG AA ✓ Pass

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 4DB720 Background



This preview shows how black text looks on a background with the Hex color 4DB720.

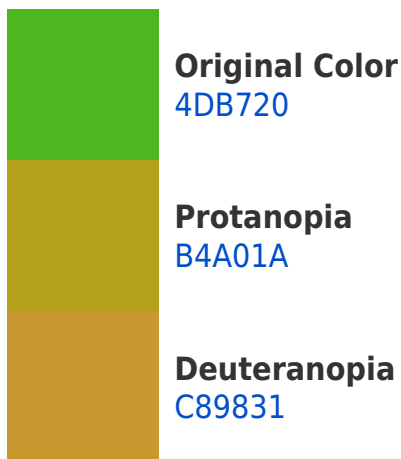


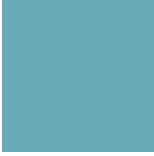
This preview shows how white text looks on a background with the Hex color 4DB720.

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](#).

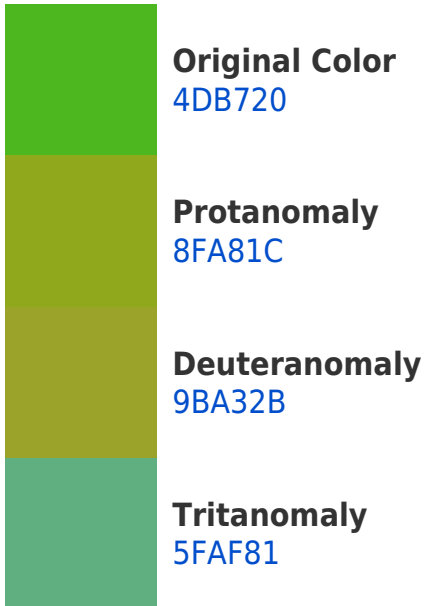
Dichromacy





Tritanopia
69AAB8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4DB720 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 #4DB720 looks like.

```
.text, #text, p{  
    color:#4DB720  
}
```

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 #4DB720 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4DB720
}
```

Border

The CSS property to change the border of an element to Hex 4DB720 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
#4DB720 }
```

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

```
.border{ border-color:#4DB720 }
```

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

Here you see how a box with a 4 pixel #4DB720 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4DB720; -webkit-box-shadow:4px 4px  
4px 4px #4DB720; box-shadow:4px 4px 4px  
4px #4DB720 }
```

Background

The CSS property to change the background color of an element to Hex 4DB720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4DB720 }
```

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

```
.background{ background-color:#4DB720 }
```

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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