

Converting Colors

Hex(47D040)

Have a look what the booklet for
Hex(47D040) contains.

Hex(47D040)	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(47D040)

Conversions

Conversions Part 1

Format	Color
Hex	47D040
RGB	71, 208, 64
RGB Percent	28%, 82%, 25%
CMY	0.7216, 0.1843, 0.7490
CMYK	0.66, 0.00, 0.69, 0.18
HSL	117°, 61%, 53%
HSV	117°, 69%, 82%
XYZ	26.0798, 46.8215, 12.5134
YIQ	150.6210, -35.4280, -73.8280

Conversions

Conversions Part 2

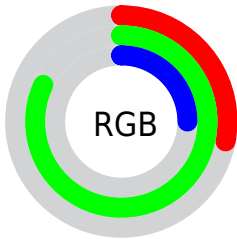
Format	Color
RYB	64, 208, 201
Decimal	4706368
CIELab	74.08, -63.35, 58.06
CIELCh	74, 85.934, 137.492
Yxy	46.8215, 0.3053, 0.5482
Android (android.graphics.Color)	4282896448 (0xFF47D040)
YUV	150.6210, -42.7042, -69.8276
Hunter-Lab	68.4262, -51.7128, 37.0558

Details

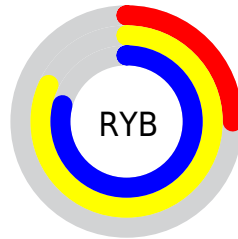
The Hex color **47D040** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark muted green. A complement of this color would be **C940D0**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **87FF77**, and **009800** is the 20% darker color. If you saturate the color by 10%, you get **33D02B**, and if you desaturate by 10%, it is **5BD055**.

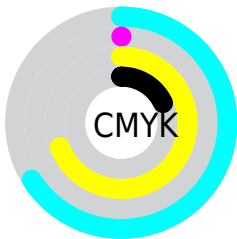
Distribution



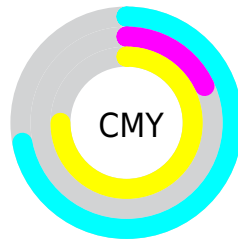
- Red (28%)
- Green (82%)
- Blue (25%)



- Red (25%)
- Yellow (82%)
- Blue (79%)



- Cyan (66%)
- Magenta (0%)
- Yellow (69%)
- Black (18%)



- Cyan (72%)
- Magenta (18%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 47D040 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 47D040 by changing the saturation by 10% instead.

 47D040

 47D040

FFFFFF

 1BB422

 87FF77

 009800

 A6FF92

 007D00

 C4FFAE

 006300

 E2FFCB

 004A00

 FFFFE8

 003300

 001700

 000000

 47D040

 47D040

 33D02B

 5BD055

 1FD016

 6FD06A

 0CD002

 82D07E

 0AD000

 96D093

 AAD0A8

 BED0BD

 D2D0D2

 E5D0E6

 F9D0FB

Harmonies

Analogous

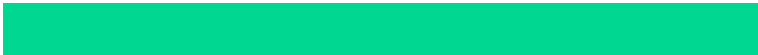
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



AFC000



47D040



00D891

Triad

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



47D040



00C9FF



FF638C

Complementary

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



47D040



C940D0

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.



FF66DB



47D040



62AFFF

Square

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



47D040



00D6FF



F28AFF



FF8342

Rectangle

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



47D040



00DAC8



F28AFF



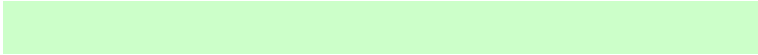
FF5FA6

Sweetspot

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



47D040



CCFFC9



D0C940



618060



000000



808080

Same Dimension

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



47D040



36FF2B



40D081



5F695E



08A800



022900

Inverse Universe

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



C940D0



F52BFF



D0408F



685E69



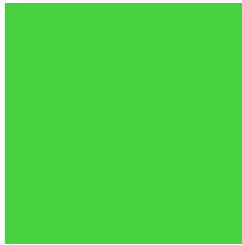
A000A8



270029

Previews

White Background



This preview shows how the Hex color 47D040 looks on a white background.

Color Contrast Check

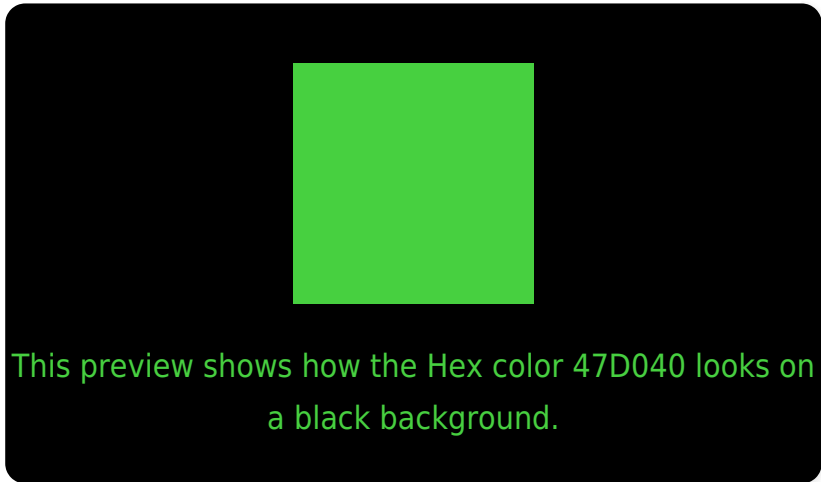
Large Text (above 18pt) WCAG AA × Fail

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

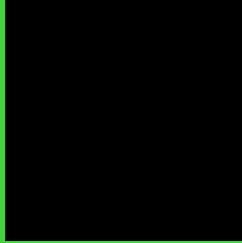
Any Text WCAG AA ✓ Pass

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 47D040 Background



This preview shows how black text looks on a background with the Hex color 47D040.

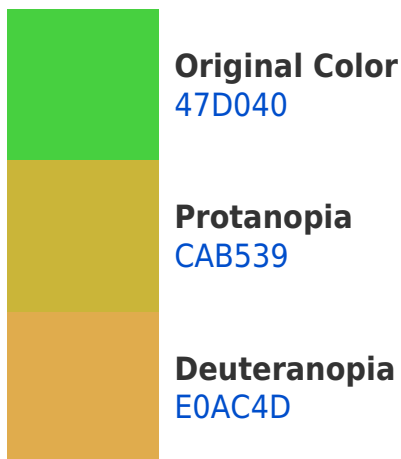


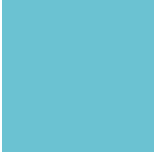
This preview shows how white text looks on a background with the Hex color 47D040.

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
6BC2D2

Trichromacy



Original Color
47D040



Protanomaly
9ABF3C



Deuteranomaly
A8B948



Tritanomaly
5EC79D

Monochromacy



Original Color
47D040



Achromatopsia
979797



Achromatomaly
7AAC77

CSS Examples

Text

The CSS property to change the color of the text to Hex 47D040 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 #47D040 looks like.

```
.text, #text, p{  
    color:#47D040  
}
```

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 #47D040 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #47D040
}
```

Border

The CSS property to change the border of an element to Hex 47D040 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
#47D040 }
```

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

```
.border{ border-color:#47D040 }
```

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

Here you see how a box with a 4 pixel #47D040 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #47D040; -webkit-box-shadow:4px 4px  
4px 4px #47D040; box-shadow:4px 4px 4px  
4px #47D040 }
```

Background

The CSS property to change the background color of an element to Hex 47D040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#47D040 }
```

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

```
.background{ background-color:#47D040 }
```

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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