

Converting Colors

Hex(47A37B)

Have a look what the booklet for
Hex(47A37B) contains.

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Color

Hex(47A37B)

Conversions

Conversions Part 1

Format	Color
Hex	47A37B
RGB	71, 163, 123
RGB Percent	28%, 64%, 48%
CMY	0.7216, 0.3608, 0.5176
CMYK	0.56, 0.00, 0.25, 0.36
HSL	154°, 39%, 46%
HSV	154°, 56%, 64%
XYZ	19.2709, 28.9640, 23.3138
YIQ	130.9320, -41.9920, -31.9440

Conversions

Conversions Part 2

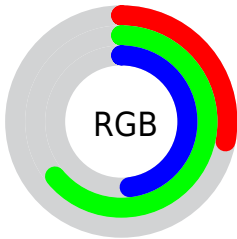
Format	Color
RYB	71, 130, 163
Decimal	4694907
CIELab	60.75, -37.08, 12.68
CIElCh	61, 39.189, 161.126
Yxy	28.9640, 0.2693, 0.4048
Android (android.graphics.Color)	4282884987 (0xFF47A37B)
YUV	130.9320, -3.9105, -52.5604
Hunter-Lab	53.8182, -30.2659, 11.9886

Details

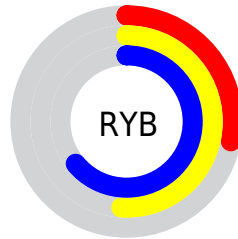
The Hex color **47A37B** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **A3476F**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **7FDBB0**, and **006E4A** is the 20% darker color. If you saturate the color by 10%, you get **37A374**, and if you desaturate by 10%, it is **57A382**.

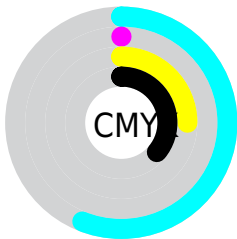
Distribution



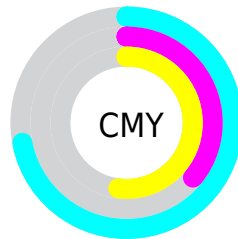
- Red (28%)
- Green (64%)
- Blue (48%)



- Red (28%)
- Yellow (51%)
- Blue (64%)



- Cyan (56%)
- Magenta (0%)
- Yellow (25%)
- Black (36%)



- Cyan (72%)
- Magenta (36%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 47A37B 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 47A37B by changing the saturation by 10% instead.

 47A37B

 47A37B

FFFFFF

 298862

 7FDDB0

 006E4A

 9BF7CB

 005533

 B7FFE7

 003D1E

 D4FFFF

 002806

 F1FFFF

 000500

 000000

 47A37B

 47A37B

 37A374

 57A382

 26A36D

 68A389

 16A366

 78A390

 06A35F

 88A397

 00A35C

 99A39E

 A9A3A6

 B9A3AD

 C9A3B4

 DAA3BB

Harmonies

Analogous

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



769E5D



47A37B



00A59F

Triad

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



47A37B



7392D6



CF7D67

Complementary

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



47A37B



A3476F

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.



D57787



47A37B



A785C7

Square

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



47A37B



259CD3



C87AAA



BB8951

Rectangle

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



47A37B



00A4B5



C87AAA



D37A71

Sweetspot

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



47A37B



B0D4C4



70A347



566B62



EBEBEB



6B6B6B

Same Dimension

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



47A37B



44D495



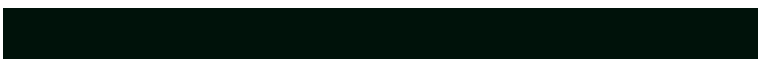
479EA3



49524E



009152



00120A

Inverse Universe

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



A3476F



D44482



A34C47



52494D



91003F



120008

Previews

White Background



This preview shows how the Hex color 47A37B looks on a white background.

Color Contrast Check

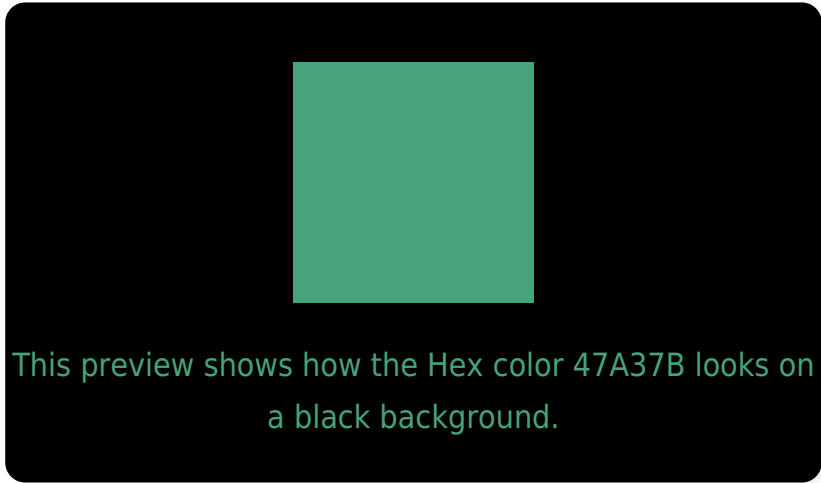
Large Text (above 18pt) WCAG AA ✓ Pass

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

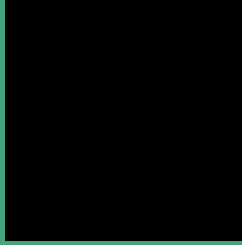
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 47A37B Background



This preview shows how black text looks on a background with the Hex color 47A37B.



This preview shows how white text looks on a background with the Hex color 47A37B.

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



Trichromacy



Original Color
47A37B



Protanomaly
7C9876



Deuteranomaly
83947E



Tritanomaly
509F99

Monochromacy



Original Color
47A37B



Achromatopsia
838383



Achromatomaly
6D8F80

CSS Examples

Text

The CSS property to change the color of the text to Hex 47A37B 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 #47A37B looks like.

```
.text, #text, p{  
    color:#47A37B  
}
```

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 #47A37B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #47A37B
}
```

Border

The CSS property to change the border of an element to Hex 47A37B 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
#47A37B }
```

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

```
.border{ border-color:#47A37B }
```

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

Here you see how a box with a 4 pixel #47A37B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #47A37B; -webkit-box-shadow:4px 4px  
4px 4px #47A37B; box-shadow:4px 4px 4px  
4px #47A37B }
```

Background

The CSS property to change the background color of an element to Hex 47A37B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#47A37B }
```

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

```
.background{ background-color:#47A37B }
```

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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