

Converting Colors

Hex(48B073)

Have a look what the booklet for
Hex(48B073) contains.

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Color

Hex(48B073)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 48B073 |
| RGB | 72, 176, 115 |
| RGB Percent | 28%, 69%, 45% |
| CMY | 0.7176, 0.3098, 0.5490 |
| CMYK | 0.59, 0.00, 0.35, 0.31 |
| HSL | 145°, 42%, 49% |
| HSV | 145°, 59%, 69% |
| XYZ | 21.2923, 33.6662, 21.5957 |
| YIQ | 137.9500, -42.4030, -41.0190 |

Conversions

Conversions Part 2

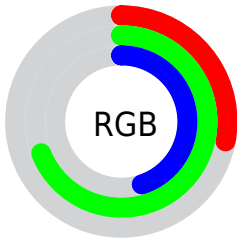
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 72, 146, 176 |
| Decimal | 4763763 |
| CIELab | 64.70, -44.16, 22.50 |
| CIElCh | 65, 49.563, 153.006 |
| Yxy | 33.6662, 0.2781, 0.4398 |
| Android (android.graphics.Color) | 4282953843 (0xFF48B073) |
| YUV | 137.9500, -11.3144, -57.8382 |
| Hunter-Lab | 58.0226, -36.0360, 18.5484 |

Details

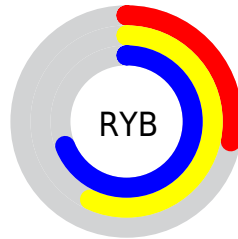
The Hex color **48B073** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **B04885**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **81E8A7**, and **007A42** is the 20% darker color. If you saturate the color by 10%, you get **36B069**, and if you desaturate by 10%, it is **5AB07D**.

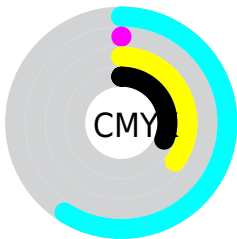
Distribution



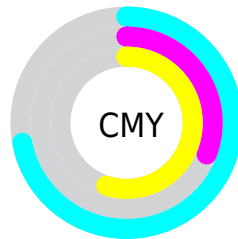
- Red (28%)
- Green (69%)
- Blue (45%)



- Red (28%)
- Yellow (57%)
- Blue (69%)



- Cyan (59%)
- Magenta (0%)
- Yellow (35%)
- Black (31%)



- Cyan (72%)
- Magenta (31%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 48B073 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 48B073 by changing the saturation by 10% instead.

 48B073

 48B073

FFFFFF

 28955A

 81E8A7

 007A42

 9EFFC3

 00612B

 BAFFDF

 004815

 D8FFFB

 003100

 F5FFFF

 001900

 000000

 48B073

 48B073

 36B069

 5AB07D

 25B05E

 6BB088

 13B054

 7DB092

 02B04A

 8EB09C

 00B049

 A0B0A7

 B2B0B1

 C3B0BB

 D5B0C6

 E6B0D0

Harmonies

Analogous

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



85A84F



48B073



00B3A0

Triad

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



48B073



53A0F5



EC7D6F

Complementary

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



48B073



B04885

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.



EE779A



48B073



A690E7

Square

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



48B073



00ACEB



D77FC6



D68C4E

Rectangle

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



48B073



00B3BE



D77FC6



EF797D

Sweetspot

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



48B073



BCE6CD



86B048



5A7364



F2F2F2



737373

Same Dimension

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



48B073



43E686



48B0A6



505954



00993F



001A0B

Inverse Universe

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



B04885



E643A2



B04852



595056



99005A



1A000F

Previews

White Background



This preview shows how the Hex color 48B073 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 48B073 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

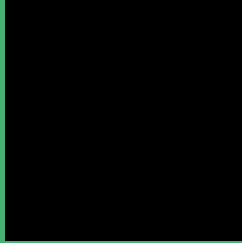
Any Text WCAG AA ✓ Pass

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 48B073 Background



This preview shows how black text looks on a background with the Hex color 48B073.

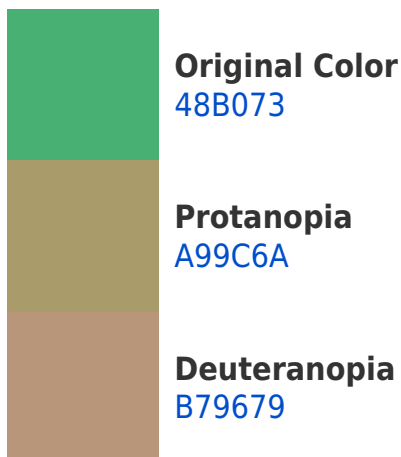


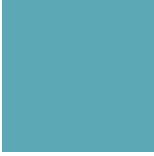
This preview shows how white text looks on a background with the Hex color 48B073.

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



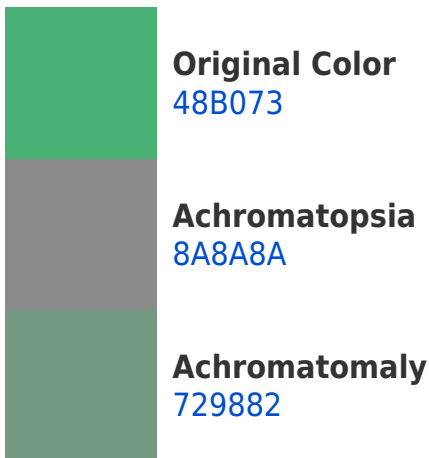


Tritanopia
5CA8B5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 48B073 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 #48B073 looks like.

```
.text, #text, p{  
    color:#48B073  
}
```

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 #48B073 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #48B073
}
```

Border

The CSS property to change the border of an element to Hex 48B073 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
#48B073 }
```

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

```
.border{ border-color:#48B073 }
```

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

Here you see how a box with a 4 pixel #48B073 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #48B073; -webkit-box-shadow:4px 4px  
4px 4px #48B073; box-shadow:4px 4px 4px  
4px #48B073 }
```

Background

The CSS property to change the background color of an element to Hex 48B073 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#48B073 }
```

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

```
.background{ background-color:#48B073 }
```

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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