

Converting Colors

Hex(48A264)

Have a look what the booklet for
Hex(48A264) contains.

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Color

Hex(48A264)

Conversions

Conversions Part 1

Format	Color
Hex	48A264
RGB	72, 162, 100
RGB Percent	28%, 64%, 39%
CMY	0.7176, 0.3647, 0.6078
CMYK	0.56, 0.00, 0.38, 0.36
HSL	139°, 38%, 46%
HSV	139°, 56%, 64%
XYZ	17.8931, 28.1385, 16.5448
YIQ	128.0220, -33.7380, -38.3620

Conversions

Conversions Part 2

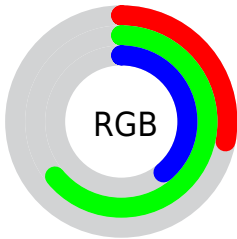
Format	Color
RYB	72, 141, 162
Decimal	4760164
CIELab	60.01, -41.08, 24.33
CIElCh	60, 47.749, 149.362
Yxy	28.1385, 0.2859, 0.4497
Android (android.graphics.Color)	4282950244 (0xFF48A264)
YUV	128.0220, -13.8148, -49.1313
Hunter-Lab	53.0457, -32.6194, 18.6396

Details

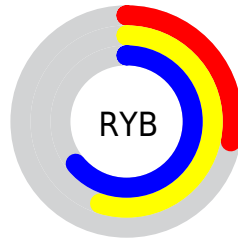
The Hex color **48A264** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **A24886**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **7FDA97**, and **006D34** is the 20% darker color. If you saturate the color by 10%, you get **38A259**, and if you desaturate by 10%, it is **58A26F**.

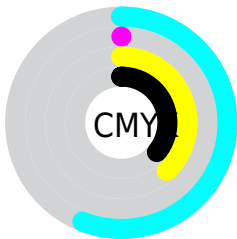
Distribution



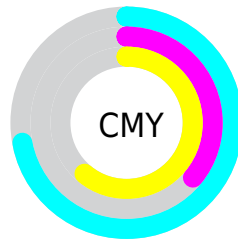
- Red (28%)
- Green (64%)
- Blue (39%)



- Red (28%)
- Yellow (55%)
- Blue (64%)



- Cyan (56%)
- Magenta (0%)
- Yellow (38%)
- Black (36%)



- Cyan (72%)
- Magenta (36%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 48A264 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 48A264 by changing the saturation by 10% instead.

 48A264

 48A264

FFFFFF

 2A874C

 7FDA97

 006D34

 9BF6B2

 00541E

 B8FFCE

 003C07

 D4FFEA

 002700

 F2FFFF

 000000

 48A264

 48A264

 38A259

 58A26F

 28A24E

 68A27A

■ 17A243

■ 79A285

■ 07A237

■ 89A291

■ 00A232

■ 99A29C

■ A9A2A7

■ B9A2B2

■ CAA2BD

■ DAA2C8

Harmonies

Analogous

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



7F9A44



48A264



00A68E

Triad

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



48A264



3A95E5



DD716A

Complementary

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



48A264



A24886

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.



DC6C93



48A264



9186DA

Square

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



48A264



00A0D8



C376BC



CA7F49

Rectangle

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



48A264



00A6AB



C376BC



DF6E77

Sweetspot

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



48A264



B0D4BB



87A248



566B5C



EBEBEB



6B6B6B

Same Dimension

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



48A264



46D472



48A290



49524C



00912D



001206

Inverse Universe

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



A24886



D446A8



A2485A



52494F



910064



12000C

Previews

White Background



This preview shows how the Hex color 48A264 looks on a white background.

Color Contrast Check

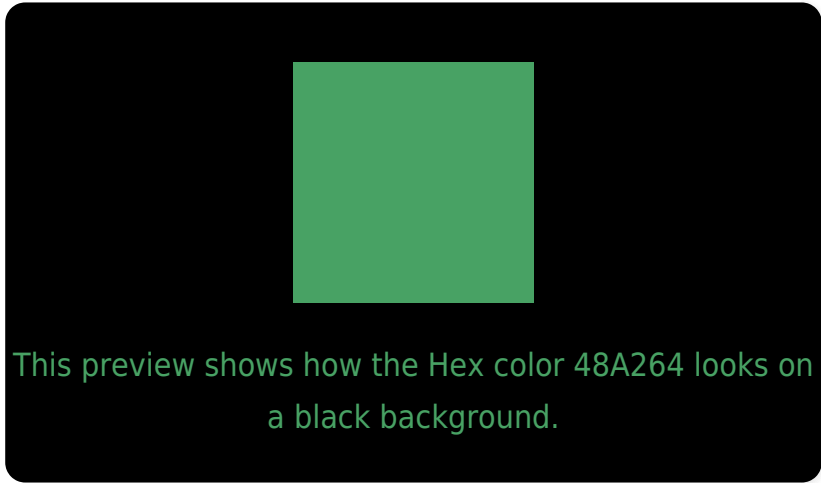
Large Text (above 18pt) WCAG AA ✓ Pass

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

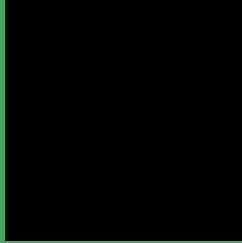
Any Text WCAG AA ✓ Pass

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 48A264 Background



This preview shows how black text looks on a background with the Hex color 48A264.

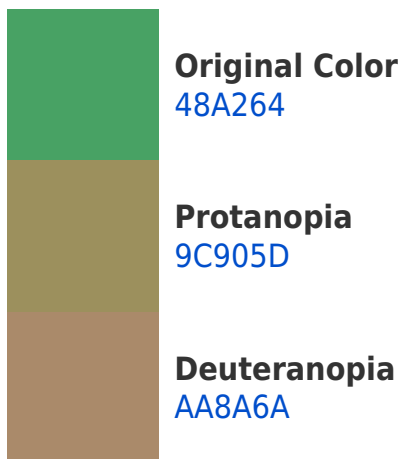


This preview shows how white text looks on a background with the Hex color 48A264.

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
5A9AA6

Trichromacy



Original Color

48A264



Protanomaly

7D9760



Deuteranomaly

869368



Tritanomaly

539D8E

Monochromacy



Original Color

48A264



Achromatopsia

808080



Achromatomaly

6C8C76

CSS Examples

Text

The CSS property to change the color of the text to Hex 48A264 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 #48A264 looks like.

```
.text, #text, p{  
    color:#48A264  
}
```

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 #48A264 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #48A264
}
```

Border

The CSS property to change the border of an element to Hex 48A264 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
#48A264 }
```

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

```
.border{ border-color:#48A264 }
```

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

Here you see how a box with a 4 pixel #48A264 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #48A264; -webkit-box-shadow:4px 4px  
4px 4px #48A264; box-shadow:4px 4px 4px  
4px #48A264 }
```

Background

The CSS property to change the background color of an element to Hex 48A264 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#48A264 }
```

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

```
.background{ background-color:#48A264 }
```

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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