

# Converting Colors

Hex(3AB264)

Have a look what the booklet for  
Hex(3AB264) contains.

<b>Hex(3AB264)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(3AB264)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3AB264
RGB	58, 178, 100
RGB Percent	23%, 70%, 39%
CMY	0.7725, 0.3020, 0.6078
CMYK	0.67, 0.00, 0.44, 0.30
HSL	141°, 51%, 46%
HSV	141°, 67%, 70%
XYZ	19.9656, 33.6604, 17.5014
YIQ	133.2280, -46.4820, -49.6980

# Conversions

## Conversions Part 2

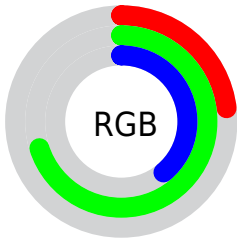
Format	Color
<a href="#">RYB</a>	<a href="#">58, 147, 178</a>
Decimal	<a href="#">3846756</a>
CIELab	<a href="#">64.69, -50.59, 30.38</a>
CIELCh	<a href="#">65, 59.009, 149.012</a>
Yxy	<a href="#">33.6604, 0.2807, 0.4732</a>
Android (android.graphics.Color)	<a href="#">4282036836</a> (0xFF3AB264)
YUV	<a href="#">133.2280, -16.3814, -65.9750</a>
Hunter-Lab	<a href="#">58.0176, -40.1037, 22.7271</a>

# Details

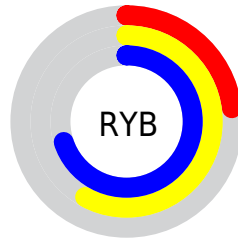
The Hex color **3AB264** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **B23A88**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **77EB98**, and **007C33** is the 20% darker color. If you saturate the color by 10%, you get **28B258**, and if you desaturate by 10%, it is **4CB270**.

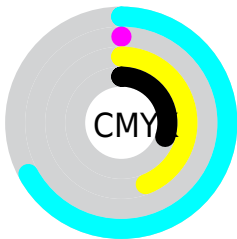
# Distribution



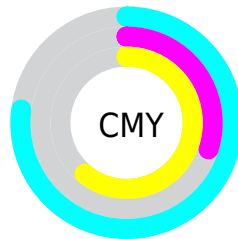
- Red (23%)
- Green (70%)
- Blue (39%)



- Red (23%)
- Yellow (58%)
- Blue (70%)



- Cyan (67%)
- Magenta (0%)
- Yellow (44%)
- Black (30%)



- Cyan (77%)
- Magenta (30%)
- Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3AB264 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 3AB264 by changing the saturation by 10% instead.



 3AB264

 3AB264

FFFFFF

 0E974B

 77EB98

 007C33

 94FFB3

 00621C

 B1FFCF

 004903

 CEFFEB

 003200

 ECFFFF

 001900

 000000

 3AB264

 3AB264

 28B258

 4CB270

 16B24D

 5EB27B

 05B241

 6FB287

 00B23E

 81B292

 93B29E

 A5B2A9

 B7B2B5

 C8B2C1

 DAB2CC

# Harmonies

## Analogous

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



86A939



3AB264



00B699

# Triad

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



3AB264



00A3FF



FB726D

# Complementary

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



3AB264



B23A88

# 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.



FA6CA1



3AB264



9B90FA

# Square

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



3AB264



00B0F7



DB7AD4



E38642

# Rectangle

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



3AB264



00B6BE



DB7AD4



FD6E7E



# Sweetspot

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



3AB264



BAE8CA



88B23A



597563



F5F5F5



757575



# Same Dimension

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



3AB264



2CE86E



3AB2A0



505953



009936



001A09



# Inverse Universe

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



B23A88



E82CA6



B23A4C



595056



990063



1A0011



# Previews

## White Background



This preview shows how the Hex color 3AB264 looks on a white background.

## Color Contrast Check

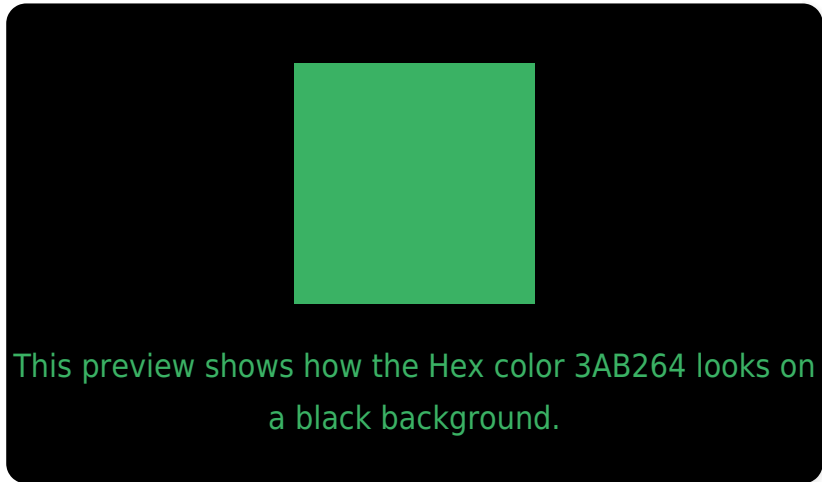
Large Text (above 18pt) WCAG AA × Fail

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 3AB264 Background



This preview shows how black text looks on a background with the Hex color 3AB264.

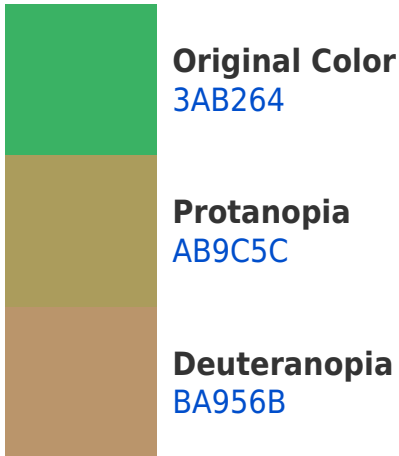


This preview shows how white text looks on a background with the Hex color 3AB264.

# 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](#).

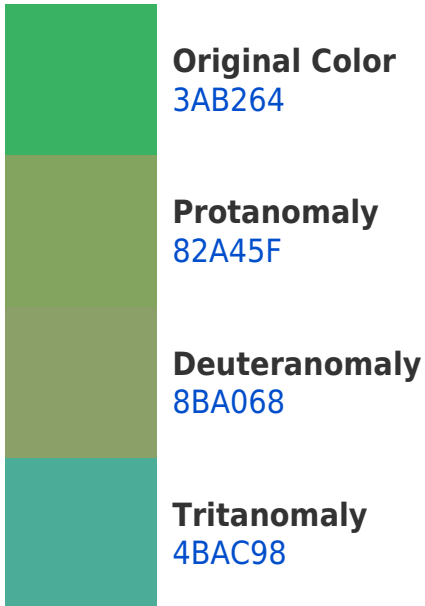
## Dichromacy



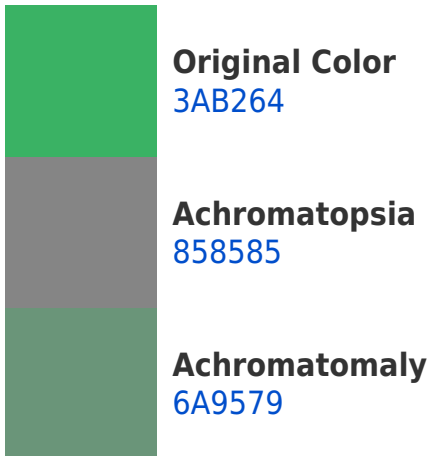


**Tritanopia**  
55A9B6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3AB264 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 #3AB264 looks like.

```
.text, #text, p{  
    color:#3AB264  
}
```

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 #3AB264 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3AB264
}
```

## Border

The CSS property to change the border of an element to Hex 3AB264 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
#3AB264 }
```

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

```
.border{ border-color:#3AB264 }
```

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

Here you see how a box with a 4 pixel #3AB264 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3AB264; -webkit-box-shadow:4px 4px  
4px 4px #3AB264; box-shadow:4px 4px 4px  
4px #3AB264 }
```

# Background

The CSS property to change the background color of an element to Hex 3AB264 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3AB264 }
```

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

```
.background{ background-color:#3AB264 }
```

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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