

Converting Colors

Hex(70B264)

Have a look what the booklet for
Hex(70B264) contains.

Hex(70B264)	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(70B264)

Conversions

Conversions Part 1

Format	Color
Hex	70B264
RGB	112, 178, 100
RGB Percent	44%, 70%, 39%
CMY	0.5608, 0.3020, 0.6078
CMYK	0.37, 0.00, 0.44, 0.30
HSL	111°, 34%, 55%
HSV	111°, 44%, 70%
XYZ	24.9027, 36.2056, 17.7325
YIQ	149.3740, -14.2980, -38.2500

Conversions

Conversions Part 2

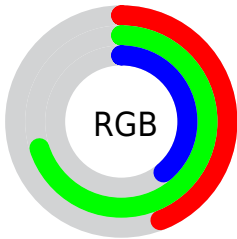
Format	Color
RYB	100, 178, 166
Decimal	7385700
CIELab	66.68, -36.42, 33.33
CIELCh	67, 49.368, 137.541
Yxy	36.2056, 0.3159, 0.4592
Android (android.graphics.Color)	4285575780 (0xFF70B264)
YUV	149.3740, -24.3414, -32.7770
Hunter-Lab	60.1711, -31.4245, 24.6470

Details

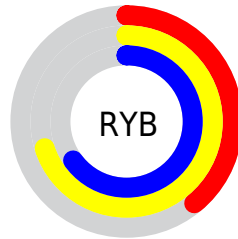
The Hex color **70B264** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **A664B2**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **A6EA98**, and **3B7D33** is the 20% darker color. If you saturate the color by 10%, you get **61B252**, and if you desaturate by 10%, it is **7FB276**.

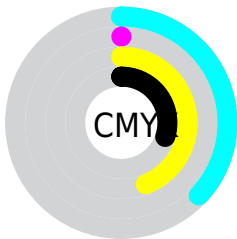
Distribution



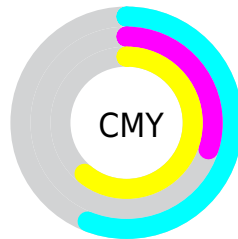
- Red (44%)
- Green (70%)
- Blue (39%)



- Red (39%)
- Yellow (70%)
- Blue (65%)



- Cyan (37%)
- Magenta (0%)
- Yellow (44%)
- Black (30%)



- Cyan (56%)
- Magenta (30%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 70B264 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 70B264 by changing the saturation by 10% instead.

 70B264

 70B264

FFFFFF

 56974B

 A6EA98

 3B7D33

 C2FFB3

 1F631B

 DFFFCF

 004B02

 FCFEB

 003300

 001F00

 000000

 70B264

 70B264

 61B252

 7FB276

 52B240

 8EB288

 43B22F

 9DB299

 34B21D

 ACB2AB

 25B20B

 BBB2BD

 1BB200

 CAB2CF

 D9B2E1

 E8B2F2

 F8B2FF

Harmonies

Analogous

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



A3A84A



70B264



17B88E

Triad

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



70B264



00ACF8



F67E8A

Complementary

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



70B264



A664B2

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.



EB7FB7



70B264



879EF7

Square

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



70B264



00B5E3



C68CDF



EA8962

Rectangle

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



70B264



00B9AC



C68CDF



F57C99

Sweetspot

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



70B264



CFE8CA



B2A564



657563



F5F5F5



757575

Same Dimension

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



70B264



80E86D



64B27E



525950



189900



041A00

Inverse Universe

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



A664B2



D56DE8



B26498



585059



810099



16001A

Previews

White Background



This preview shows how the Hex color 70B264 looks on a white background.

Color Contrast Check

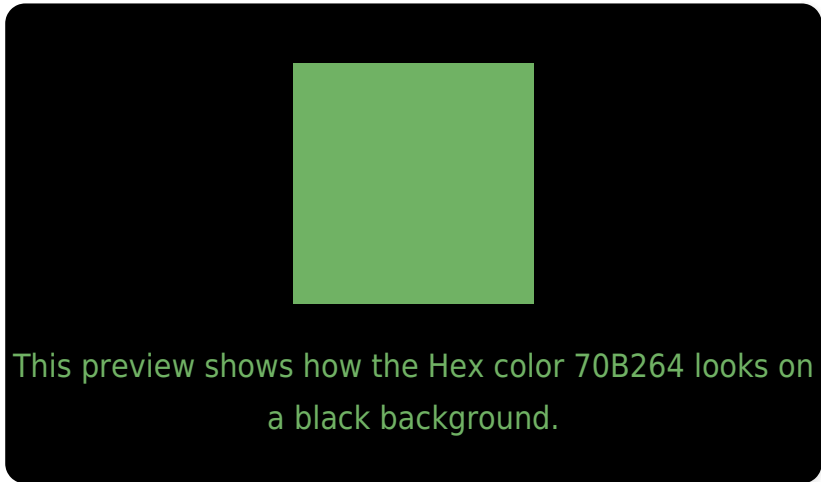
Large Text (above 18pt) WCAG AA × Fail

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 70B264 Background



This preview shows how black text looks on a background with the Hex color 70B264.



This preview shows how white text looks on a background with the Hex color 70B264.

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



Original Color
70B264

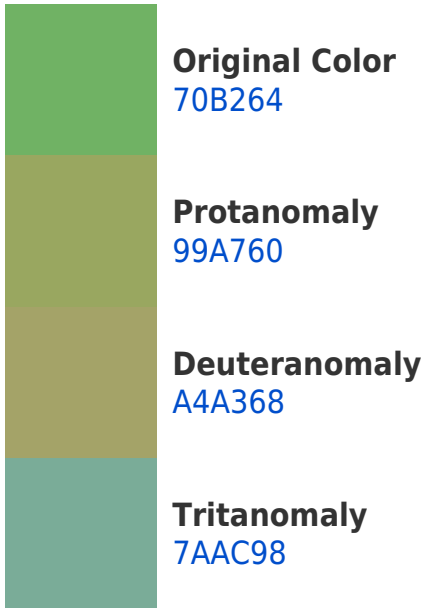
Protanopia
B1A15E

Deuteranopia
C29A6A

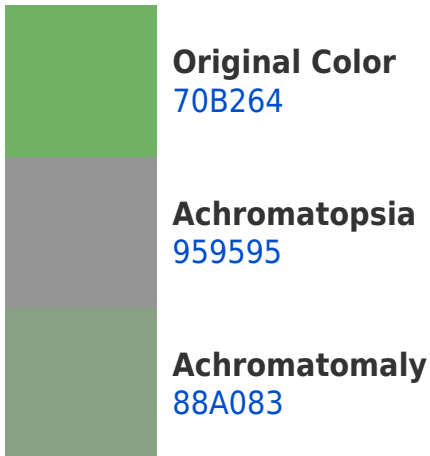


Tritanopia
7FA9B6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 70B264 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 #70B264 looks like.

```
.text, #text, p{  
    color:#70B264  
}
```

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 #70B264 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #70B264
}
```

Border

The CSS property to change the border of an element to Hex 70B264 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
#70B264 }
```

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

```
.border{ border-color:#70B264 }
```

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

Here you see how a box with a 4 pixel #70B264 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #70B264; -webkit-box-shadow:4px 4px  
4px 4px #70B264; box-shadow:4px 4px 4px  
4px #70B264 }
```

Background

The CSS property to change the background color of an element to Hex 70B264 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#70B264 }
```

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

```
.background{ background-color:#70B264 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor