

# Converting Colors

Hex(84A200)

Have a look what the booklet for  
Hex(84A200) contains.

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**Color**

**Hex(84A200)**

# Conversions

## Conversions Part 1

Format	Color
Hex	84A200
RGB	132, 162, 0
RGB Percent	52%, 64%, 0%
CMY	0.4824, 0.3647, 1.0000
CMYK	0.19, 0.00, 1.00, 0.36
HSL	71°, 100%, 32%
HSV	71°, 100%, 64%
XYZ	22.4361, 30.7462, 4.7521
YIQ	134.5620, 34.1220, -56.7420

# Conversions

## Conversions Part 2

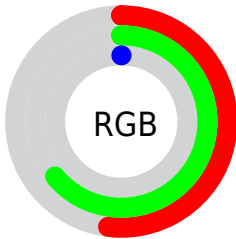
Format	Color
<b>RYB</b>	0, 162, 30
Decimal	8692224
CIELab	62.29, -28.46, 64.57
CIELCh	62, 70.565, 113.785
Yxy	30.7462, 0.3873, 0.5307
Android (android.graphics.Color)	4286882304 (0xFF84A200)
YUV	134.5620, -66.3391, -2.2469
Hunter-Lab	55.4493, -24.8110, 33.7332

# Details

The Hex color **84A200** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **1E00A2**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **BDD94A**, and **4D6E00** is the 20% darker color. If you saturate the color by 10%, you get **84A200**, and if you desaturate by 10%, it is **87A210**.

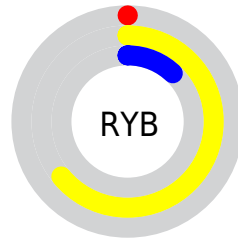
# Distribution



Red (52%)

Green (64%)

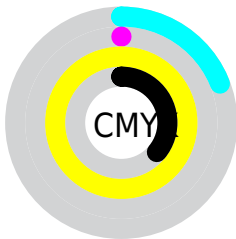
Blue (0%)



Red (0%)

Yellow (64%)

Blue (12%)

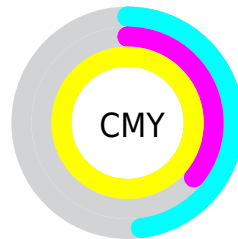


Cyan (19%)

Magenta (0%)

Yellow (100%)

Black (36%)



Cyan (48%)

Magenta (36%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 84A200 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 84A200 by changing the saturation by 10% instead.



 84A200

 84A200

FFFFFF

 688800

 BDD94A

 4D6E00

 DAF566

 325600

 F8FF81

 153E00

 FFFF9D

 002800

 FFFFB9

 000F00

 FFFFD6

 000000

 FFFFF4

 84A200

 87A210

 8AA220

 8DA231

 90A241

 93A251

 96A261

 99A271

 9CA282

 9FA292

# Harmonies

## Analogous

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



BF8F00



84A200



22AD47

# Triad

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



84A200



00AFFB



FF56A6

# Complementary

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



84A200



1E00A2

# 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.



D56EE1



84A200



00A2FF

# Square

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



84A200



00B3C7



7A8CFF



FF5B68

# Rectangle

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



84A200



00B171



7A8CFF



F55CBB



# Sweetspot

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



84A200



C8D494



A21E00



646B45



EBEBEB



6B6B6B



# Same Dimension

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



84A200



ACD400



33A200



505249



769100



0F1200



# Inverse Universe

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



1E00A2



2700D4



6F00A2



4B4952



1B0091



030012



# Previews

## White Background



This preview shows how the Hex color 84A200 looks on a white background.

## Color Contrast Check

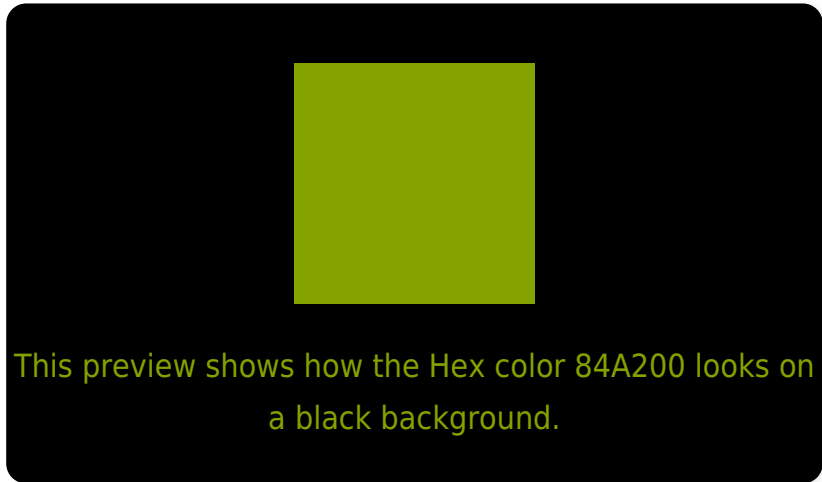
Large Text (above 18pt) WCAG AA × Fail

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 84A200 Background



This preview shows how black text looks on a background with the Hex color 84A200.



This preview shows how white text looks on a background with the Hex color 84A200.

# 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**  
84A200

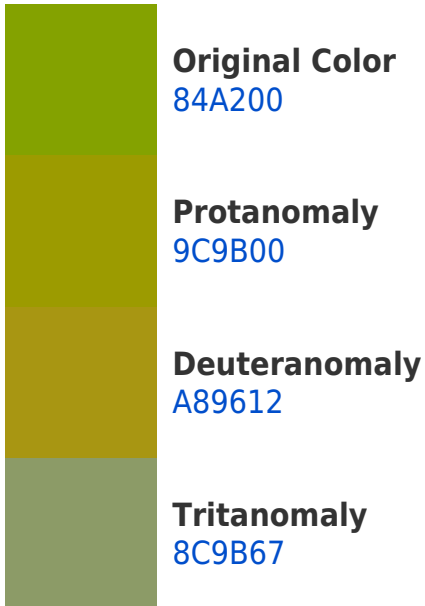
**Protanopia**  
AA9700

**Deuteranopia**  
BD8F1D



**Tritanopia**  
9197A2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 84A200 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 #84A200 looks like.

```
.text, #text, p{  
    color:#84A200  
}
```

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 #84A200 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #84A200
}
```

## Border

The CSS property to change the border of an element to Hex 84A200 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
#84A200 }
```

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

```
.border{ border-color:#84A200 }
```

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

Here you see how a box with a 4 pixel #84A200 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #84A200; -webkit-box-shadow:4px 4px  
4px 4px #84A200; box-shadow:4px 4px 4px  
4px #84A200 }
```

# Background

The CSS property to change the background color of an element to Hex 84A200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#84A200 }
```

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

```
.background{ background-color:#84A200 }
```

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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