

# Converting Colors

Hex(BF7021)

Have a look what the booklet for  
Hex(BF7021) contains.

<b>Hex(BF7021)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(BF7021)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BF7021
RGB	191, 112, 33
RGB Percent	75%, 44%, 13%
CMY	0.2510, 0.5608, 0.8706
CMYK	0.00, 0.41, 0.83, 0.25
HSL	30°, 71%, 44%
HSV	30°, 83%, 75%
XYZ	27.5545, 22.7745, 4.3825
YIQ	126.6150, 72.4430, -7.8210

# Conversions

## Conversions Part 2

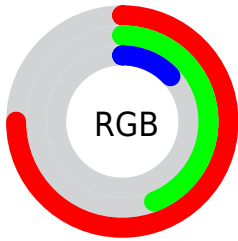
<b>Format</b>	<b>Color</b>
<b>RYB</b>	191, 191, 33
Decimal	12546081
CIELab	54.84, 25.58, 53.60
CIELCh	55, 59.386, 64.489
Yxy	22.7745, 0.5036, 0.4163
Android (android.graphics.Color)	4290736161 (0xFFBF7021)
YUV	126.6150, -46.1522, 56.4656
Hunter-Lab	47.7226, 19.5493, 27.9611

# Details

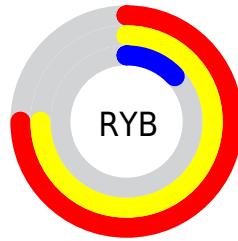
The Hex color **BF7021** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **2170BF**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **FCA455**, and **843F00** is the 20% darker color. If you saturate the color by 10%, you get **BF660E**, and if you desaturate by 10%, it is **BF7A34**.

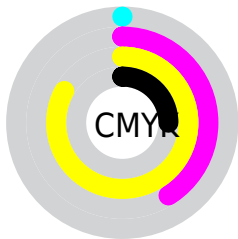
# Distribution



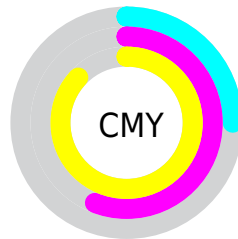
- Red (75%)
- Green (44%)
- Blue (13%)



- Red (75%)
- Yellow (75%)
- Blue (13%)



- Cyan (0%)
- Magenta (41%)
- Yellow (83%)
- Black (25%)



- Cyan (25%)
- Magenta (56%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BF7021 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 BF7021 by changing the saturation by 10% instead.




 BF7021

 BF7021

FFFFFF

 A15700

 FCA455

 843F00

 FFBF6F

 672800

 FFDB89

 4A1200

 FFF8A4

 300000

 FFFFFC0

 090000

 FFFFDC

 000000

 FFFFF9

 BF7021

 BF7021

 BF660E

 BF7A34

 BF6000

 BF8347

 BF8D5A

 BF966D

 BFA081

 BFA994

 BFB3A7

 BFBCBA

 BFC6CD

# Harmonies

## Analogous

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



DA5B4C



BF7021



968303

# Triad

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



BF7021



009B8A



8E72D9

# Complementary

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



BF7021



2170BF

# 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.



0087EA



BF7021



009ABC

# Square

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



BF7021



009855



0094E0



C75BB0

# Rectangle

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



BF7021



748D17



0094E0



717AE1



# Sweetspot

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



BF7021



F7D8BA



BF2170



7D6A57



FCFCFC



7D7D7D



# Same Dimension

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



BF7021



F77D02



BFBF21



5E5A55



9E4F00



1F0F00



# Inverse Universe

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



2170BF



027DF7



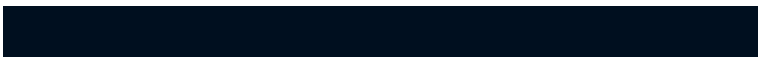
2121BF



555A5E



004F9E



000F1F



# Previews

## White Background



This preview shows how the Hex color BF7021 looks on a white background.

## Color Contrast Check

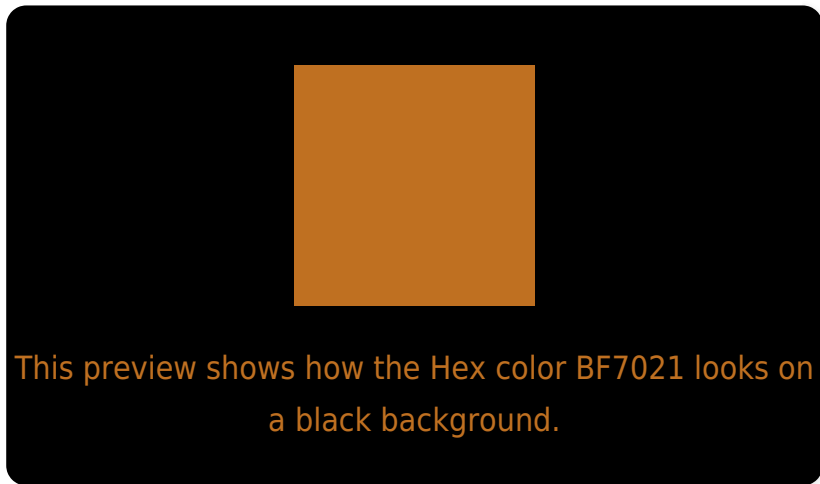
Large Text (above 18pt) WCAG AA ✓ Pass

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 BF7021 Background



This preview shows how black text looks on a background with the Hex color BF7021.



This preview shows how white text looks on a background with the Hex color BF7021.

# 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**  
BF7021

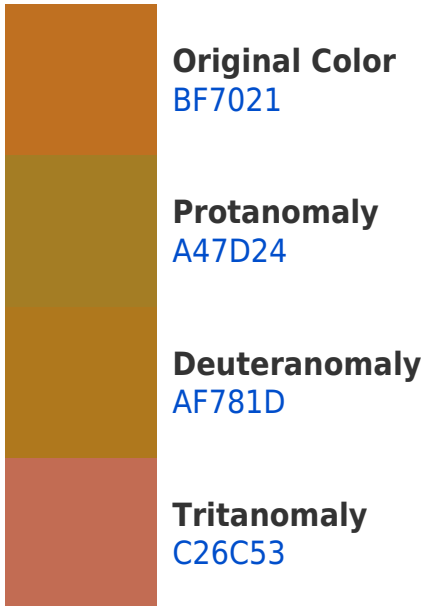
**Protanopia**  
948426

**Deuteranopia**  
A67D1B



**Tritanopia**  
C36970

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BF7021 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 #BF7021 looks like.

```
.text, #text, p{  
    color:#BF7021  
}
```

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 #BF7021 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BF7021
}
```

## Border

The CSS property to change the border of an element to Hex BF7021 is called "border". The border property can be set on classes, ids or directly on the HTML element.

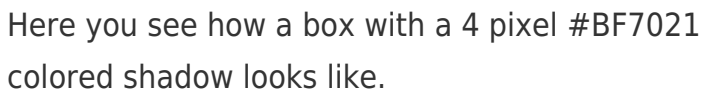
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BF7021 }
```

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

```
.border{ border-color:#BF7021 }
```

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

A rectangular box with a 4px orange shadow. The box is white with a thin orange border. The shadow is a solid orange color, 4 pixels wide and 4 pixels high, offset to the right and bottom of the box. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #BF7021 colored shadow looks like." The box is positioned in the middle of the page, below the text "If you want to add a box shadow in that color use:" and above the CSS code block.

Here you see how a box with a 4 pixel #BF7021 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BF7021; -webkit-box-shadow:4px 4px  
4px 4px #BF7021; box-shadow:4px 4px 4px  
4px #BF7021 }
```

# Background

The CSS property to change the background color of an element to Hex BF7021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BF7021 }
```

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

```
.background{ background-color:#BF7021 }
```

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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