

Converting Colors

Hex(B57D21)

Have a look what the booklet for
Hex(B57D21) contains.

Hex(B57D21)	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(B57D21)

Conversions

Conversions Part 1

Format	Color
Hex	B57D21
RGB	181, 125, 33
RGB Percent	71%, 49%, 13%
CMY	0.2902, 0.5098, 0.8706
CMYK	0.00, 0.31, 0.82, 0.29
HSL	37°, 69%, 42%
HSV	37°, 82%, 71%
XYZ	26.6642, 24.6008, 4.7819
YIQ	131.2560, 62.9080, -16.7400

Conversions

Conversions Part 2

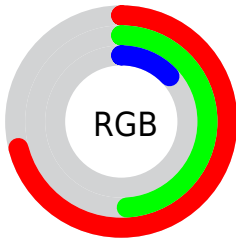
Format	Color
R _Y B	123, 181, 33
Decimal	11894049
CIE Lab	56.68, 14.02, 54.75
CIE LCh	57, 56.521, 75.637
Yxy	24.6008, 0.4757, 0.4389
Android (android.graphics.Color)	4290084129 (0xFFB57D21)
YUV	131.2560, -48.4402, 43.6255
Hunter-Lab	49.5992, 9.1618, 29.0032

Details

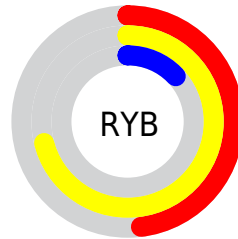
The Hex color **B57D21** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **2159B5**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **F1B156**, and **7B4C00** is the 20% darker color. If you saturate the color by 10%, you get **B5760F**, and if you desaturate by 10%, it is **B58433**.

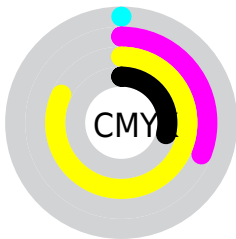
Distribution



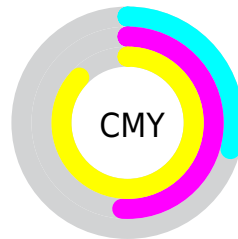
- Red (71%)
- Green (49%)
- Blue (13%)



- Red (48%)
- Yellow (71%)
- Blue (13%)



- Cyan (0%)
- Magenta (31%)
- Yellow (82%)
- Black (29%)



- Cyan (29%)
- Magenta (51%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color B57D21 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 B57D21 by changing the saturation by 10% instead.

 B57D21

 B57D21

FFFFFF

 986400

 F1B156

 7B4C00

 FFCD70

 5F3600

 FFE98B

 442000

 FFFFA6

 2A0C00

 FFFFC2

 000000

 FFFFDE

 FFFFFB

 B57D21

 B57D21

 B5760F

 B58433

 B57100

 B58B45

 B59257

 B59869

 B59F7C

 B5A68E

 B5ADA0

 B5B4B2

 B5BBC4

Harmonies

Analogous

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



D56943



B57D21



898D1D

Triad

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



B57D21



00A0A1



AB70CD

Complementary

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



B57D21



2159B5

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.



5A85E7



B57D21



009DCD

Square

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



B57D21



009E6E



0094E7



D55DA2

Rectangle

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



B57D21



659531



0094E7



9677D8

Sweetspot

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



B57D21



EBD4B0



B5215A



756852



F5F5F5



757575

Same Dimension

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



B57D21



EB9405



A4B521



595650



995F00



1A1000

Inverse Universe

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



2159B5



055CEB



3221B5



505459



003A99



000A1A

Previews

White Background



This preview shows how the Hex color B57D21 looks on a white background.

Color Contrast Check

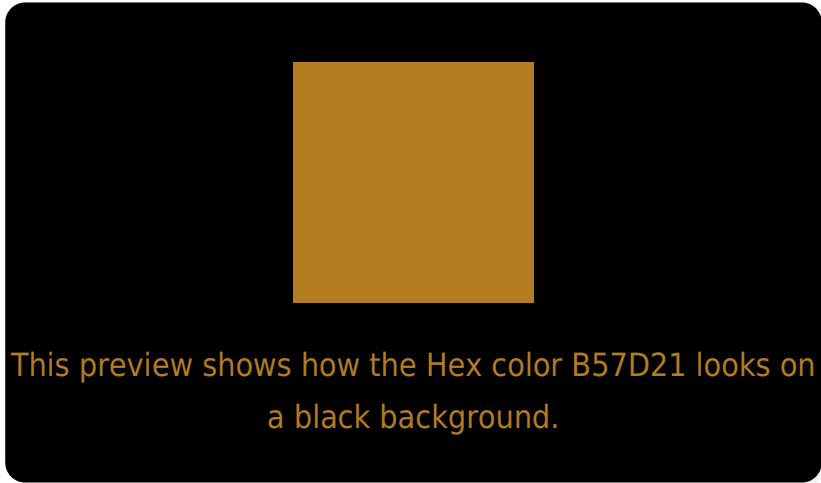
Large Text (above 18pt) WCAG AA ✓ Pass

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 B57D21 Background



This preview shows how black text looks on a background with the Hex color B57D21.



This preview shows how white text looks on a background with the Hex color B57D21.

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
B57D21

Protanopia
998924

Deuteranopia
AC811F

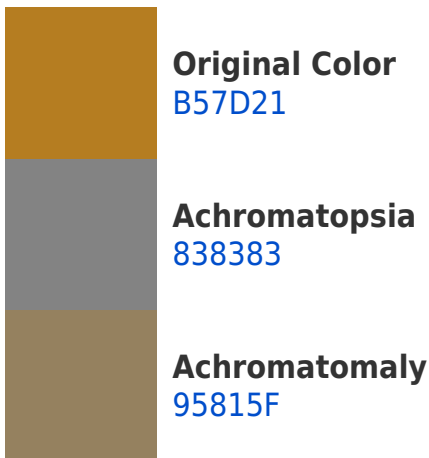


Tritanopia
BA757D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B57D21 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 #B57D21 looks like.

```
.text, #text, p{  
    color:#B57D21  
}
```

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 #B57D21 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B57D21
}
```

Border

The CSS property to change the border of an element to Hex B57D21 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
#B57D21 }
```

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

```
.border{ border-color:#B57D21 }
```

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

Here you see how a box with a 4 pixel #B57D21 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B57D21; -webkit-box-shadow:4px 4px  
4px 4px #B57D21; box-shadow:4px 4px 4px  
4px #B57D21 }
```

Background

The CSS property to change the background color of an element to Hex B57D21 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B57D21 }
```

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

```
.background{ background-color:#B57D21 }
```

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