

Converting Colors

Hex(B64D04)

Have a look what the booklet for
Hex(B64D04) contains.

Hex(B64D04)	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(B64D04)

Conversions

Conversions Part 1

Format	Color
Hex	B64D04
RGB	182, 77, 4
RGB Percent	71%, 30%, 2%
CMY	0.2863, 0.6980, 0.9843
CMYK	0.00, 0.58, 0.98, 0.29
HSL	25°, 96%, 36%
HSV	25°, 98%, 71%
XYZ	21.9672, 15.2616, 1.9028
YIQ	100.0730, 86.0130, -0.4430

Conversions

Conversions Part 2

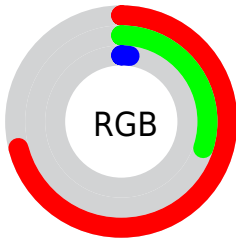
Format	Color
RYB	182, 128, 4
Decimal	11947268
CIELab	45.99, 39.64, 54.98
CIElCh	46, 67.780, 54.207
Yxy	15.2616, 0.5614, 0.3900
Android (android.graphics.Color)	4290137348 (0xFFB64D04)
YUV	100.0730, -47.3640, 71.8500
Hunter-Lab	39.0661, 32.0064, 24.4583

Details

The Hex color **B64D04** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **046DB6**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **F5813D**, and **791900** is the 20% darker color. If you saturate the color by 10%, you get **B64B00**, and if you desaturate by 10%, it is **B65816**.

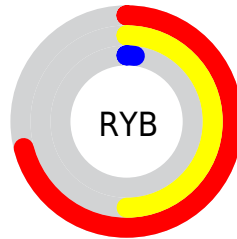
Distribution



Red (71%)

Green (30%)

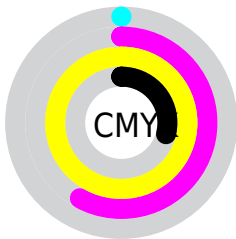
Blue (2%)



Red (71%)

Yellow (50%)

Blue (2%)

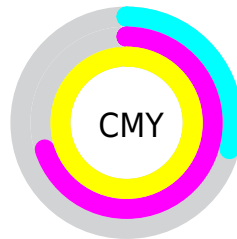


Cyan (0%)

Magenta (58%)

Yellow (98%)

Black (29%)



Cyan (29%)

Magenta (70%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color B64D04 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 B64D04 by changing the saturation by 10% instead.

 B64D04

 B64D04

 FFFFFFFB

 973400

 F5813D

 791900

 FF9C56

 5B0000

 FFB770

 3F0000

 FFD38A

 240001

 FFF0A5

 000000

 FFFFFC1

 FFFFDE

 B64D04

 B64D04

 B64B00

 B65816


 B66228

 B66D3B

 B6784D

 B6835F

 B68D71

 B69883

 B6A396

 B6AEA8

Harmonies

Analogous

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



CD2D42



B64D04



8D6700

Triad

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



B64D04



008560



4C63D6

Complementary

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



B64D04



046DB6

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.



0078DF



B64D04



00859A

Square

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



B64D04



008023



0082C9



A544B0

Rectangle

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



B64D04



6B7300



0082C9



006BDC

Sweetspot

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



B64D04



EDC5A8



B6046F



785F4E



F7F7F7



787878

Same Dimension

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



B64D04



ED6100



B6A404



5C5653



9C4000



1C0C00

Inverse Universe

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



046DB6



008CED



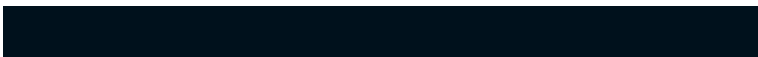
0416B6



53585C



005C9C



00111C

Previews

White Background



This preview shows how the Hex color B64D04 looks on a white background.

Color Contrast Check

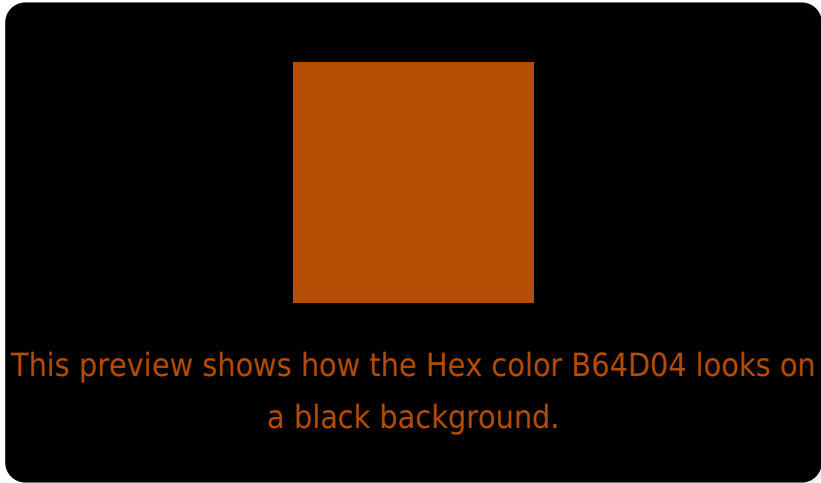
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex B64D04 Background



This preview shows how black text looks on a background with the Hex color B64D04.



This preview shows how white text looks on a background with the Hex color B64D04.

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
B64D04

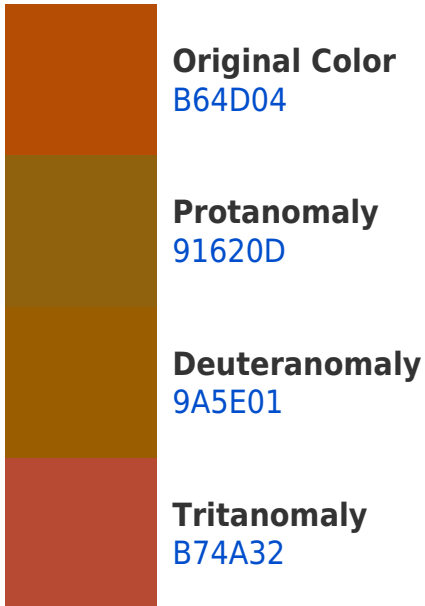
Protanopia
7C6E12

Deuteranopia
8A6800

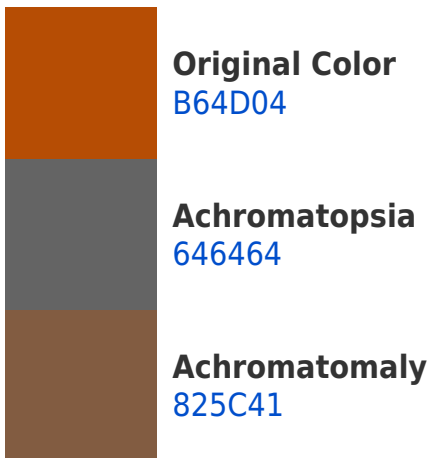


Tritanopia
B8484C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B64D04 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 #B64D04 looks like.

```
.text, #text, p{  
    color:#B64D04  
}
```

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 #B64D04 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B64D04  
}
```

Border

The CSS property to change the border of an element to Hex B64D04 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  
#B64D04 }
```

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

```
.border{ border-color:#B64D04 }
```

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

Here you see how a box with a 4 pixel #B64D04 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B64D04; -webkit-box-shadow:4px 4px  
4px 4px #B64D04; box-shadow:4px 4px 4px  
4px #B64D04 }
```

Background

The CSS property to change the background color of an element to Hex B64D04 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B64D04 }
```

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

```
.background{ background-color:#B64D04 }
```

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