

# Converting Colors

Hex(BE8028)

Have a look what the booklet for  
Hex(BE8028) contains.

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**Color**

**Hex(BE8028)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BE8028
RGB	190, 128, 40
RGB Percent	75%, 50%, 16%
CMY	0.2549, 0.4980, 0.8431
CMYK	0.00, 0.33, 0.79, 0.25
HSL	35°, 65%, 45%
HSV	35°, 79%, 75%
XYZ	29.3374, 26.5387, 5.5837
YIQ	136.5060, 65.2000, -14.2240

# Conversions

## Conversions Part 2

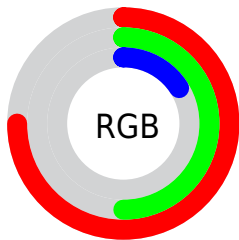
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	146, 190, 40
Decimal	12484648
CIE Lab	58.54, 16.59, 54.22
CIE LCh	59, 56.703, 72.984
Yxy	26.5387, 0.4773, 0.4318
Android (android.graphics.Color)	4290674728 (0xFFBE8028)
YUV	136.5060, -47.5775, 46.9142
Hunter-Lab	51.5157, 11.5004, 29.6346

# Details

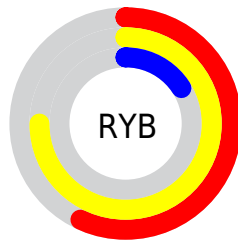
The Hex color **BE8028** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **2866BE**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **FAB55C**, and **834F00** is the 20% darker color. If you saturate the color by 10%, you get **BE7815**, and if you desaturate by 10%, it is **BE883B**.

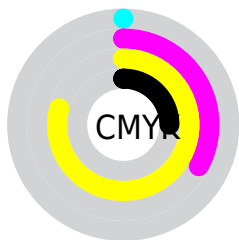
# Distribution



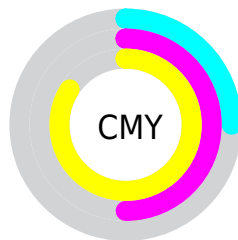
- Red (75%)
- Green (50%)
- Blue (16%)



- Red (57%)
- Yellow (75%)
- Blue (16%)



- Cyan (0%)
- Magenta (33%)
- Yellow (79%)
- Black (25%)



- Cyan (25%)
- Magenta (50%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BE8028 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 BE8028 by changing the saturation by 10% instead.



 BE8028

 BE8028

FFFFFF

 A06708

 FAB55C

 834F00

 FFD076

 673800

 FFED91

 4B2200

 FFFFAC

 310E00

 FFFFC8

 160000

 FFFF E5

 000000

 BE8028

 BE8028

 BE7815

 BE883B

 BE7002

 BE904E

 BE6F00

 BE9861

 BE9F74

 BEA787

 BEAF9A

 BEB7AD

 BEBFC0

 BEC7D3

# Harmonies

## Analogous

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



DD6C4B



BE8028



929121

# Triad

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



BE8028



00A5A2



AB76D6

# Complementary

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



BE8028



2866BE

# 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.



548BEE



BE8028



00A2D0

# Square

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



BE8028



00A36E



009AEC



D863AB

# Rectangle

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



BE8028



6F9933



009AEC



947DE1



# Sweetspot

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



BE8028



F7DFBC



BE2866



7D6E59



FCFCFC



7D7D7D



# Same Dimension

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



BE8028



F7960C



B2BE28



5E5A55



9E5D00



1F1200



# Inverse Universe

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



2866BE



0C6DF7



3528BE



55595E



00419E



000D1F



# Previews

## White Background



This preview shows how the Hex color BE8028 looks on a white background.

## Color Contrast Check

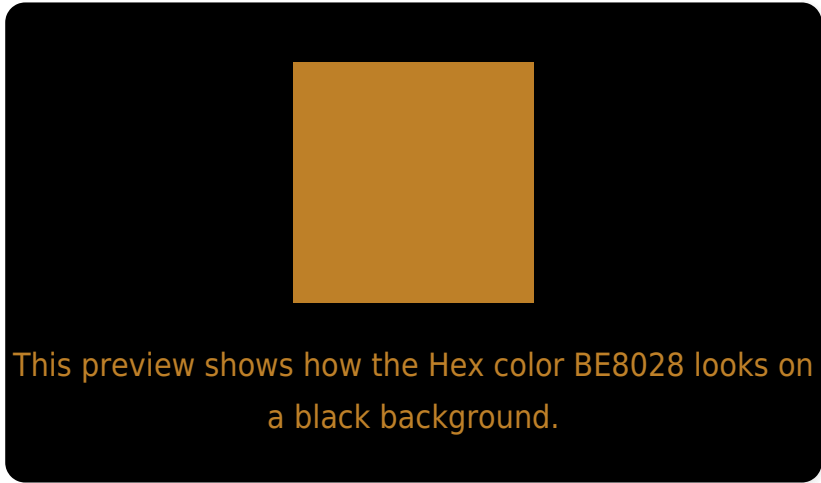
Large Text (above 18pt) WCAG AA ✓ Pass

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

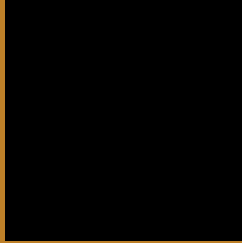
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex BE8028 Background



This preview shows how black text looks on a background with the Hex color BE8028.



This preview shows how white text looks on a background with the Hex color BE8028.

# 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**  
BE8028

**Protanopia**  
9E8D2C

**Deuteranopia**  
B18626

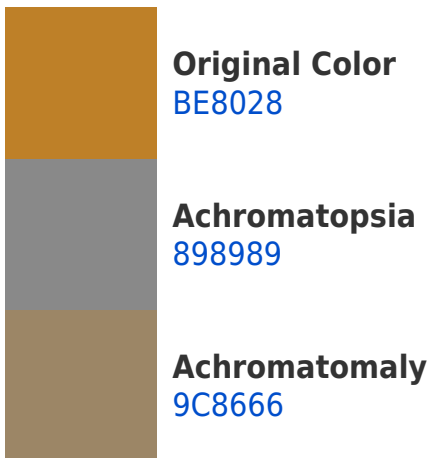


**Tritanopia**  
C37881

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BE8028 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 #BE8028 looks like.

```
.text, #text, p{  
    color:#BE8028  
}
```

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 #BE8028 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BE8028
}
```

## Border

The CSS property to change the border of an element to Hex BE8028 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
#BE8028 }
```

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

```
.border{ border-color:#BE8028 }
```

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

Here you see how a box with a 4 pixel #BE8028 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BE8028; -webkit-box-shadow:4px 4px  
4px 4px #BE8028; box-shadow:4px 4px 4px  
4px #BE8028 }
```

# Background

The CSS property to change the background color of an element to Hex BE8028 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BE8028 }
```

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

```
.background{ background-color:#BE8028 }
```

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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