

# Converting Colors

Hex(B56D24)

Have a look what the booklet for  
Hex(B56D24) contains.

<b>Hex(B56D24)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(B56D24)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B56D24
RGB	181, 109, 36
RGB Percent	71%, 43%, 14%
CMY	0.2902, 0.5725, 0.8588
CMYK	0.00, 0.40, 0.80, 0.29
HSL	30°, 67%, 43%
HSV	30°, 80%, 71%
XYZ	24.8431, 20.8884, 4.3916
YIQ	122.2060, 66.3450, -7.4390

# Conversions

## Conversions Part 2

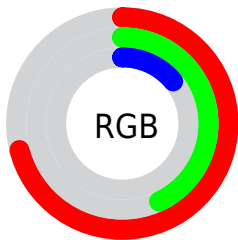
Format	Color
<a href="#">RYB</a>	<a href="#">179, 181, 36</a>
Decimal	<a href="#">11889956</a>
CIELab	<a href="#">52.83, 23.02, 50.08</a>
CIElCh	<a href="#">53, 55.116, 65.314</a>
Yxy	<a href="#">20.8884, 0.4956, 0.4167</a>
Android (android.graphics.Color)	<a href="#">4290080036</a> ( <a href="#">0xFFB56D24</a> )
YUV	<a href="#">122.2060, -42.4996, 51.5623</a>
Hunter-Lab	<a href="#">45.7038, 17.0451, 26.2957</a>

# Details

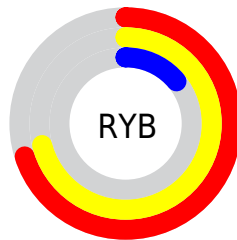
The Hex color **B56D24** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **246CB5**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **F1A157**, and **7B3D00** is the 20% darker color. If you saturate the color by 10%, you get **B56412**, and if you desaturate by 10%, it is **B57636**.

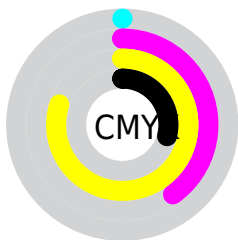
# Distribution



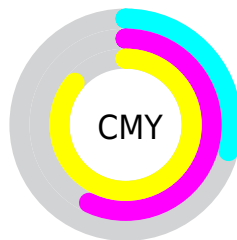
- Red (71%)
- Green (43%)
- Blue (14%)



- Red (70%)
- Yellow (71%)
- Blue (14%)



- Cyan (0%)
- Magenta (40%)
- Yellow (80%)
- Black (29%)



- Cyan (29%)
- Magenta (57%)
- Yellow (86%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B56D24 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 B56D24 by changing the saturation by 10% instead.



 B56D24

 B56D24

FFFFFF

 975406

 F1A157

 7B3D00

 FFBC70

 5E2600

 FFD88B

 421000

 FFF4A6

 2A0000

 FFFFC1

 000000

 FFFFDE

 FFFFFB

 B56D24

 B56D24

 B56412

 B57636

 B55B00

 B57F48

 B5885A

 B5916C

 B59A7F

 B5A391

 B5ACA3

 B5B5B5

 B5BEC7

# Harmonies

## Analogous

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



CE5A4A



B56D24



8E7F10

# Triad

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



B56D24



009585



8A6ECC

# Complementary

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



B56D24



246CB5

# 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.



0481DD



B56D24



0093B4

# Square

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



B56D24



009254



008DD4



BE59A7

# Rectangle

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



B56D24



6F871E



008DD4



7075D4



# Sweetspot

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



B56D24



EBCFB2



B5246D



756453



F5F5F5



757575



# Same Dimension

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



B56D24



EB7B09



B5B524



595550



994D00



1A0D00



# Inverse Universe

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



246CB5



0979EB



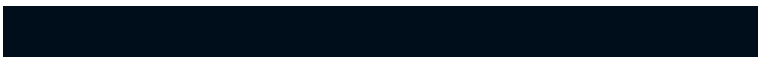
2424B5



505559



004C99



000D1A



# Previews

## White Background



This preview shows how the Hex color B56D24 looks on a white background.

## Color Contrast Check

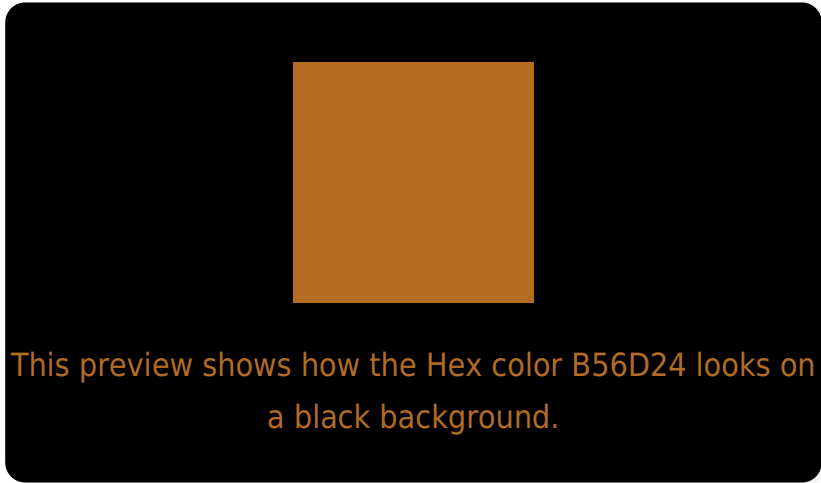
Large Text (above 18pt) WCAG AA ✓ Pass

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 B56D24 Background



This preview shows how black text looks on a background with the Hex color B56D24.



This preview shows how white text looks on a background with the Hex color B56D24.

# 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**  
B56D24

**Protanopia**  
8E7F29

**Deuteranopia**  
9F7820



**Tritanopia**  
B9666D

# Trichromacy



**Original Color**  
B56D24

**Protanomaly**  
9C7827

**Deuteranomaly**  
A77421

**Tritanomaly**  
B86952

# Monochromacy



**Original Color**  
B56D24

**Achromatopsia**  
7A7A7A

**Achromatomaly**  
8F755B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B56D24 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 #B56D24 looks like.

```
.text, #text, p{  
    color:#B56D24  
}
```

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 #B56D24 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B56D24
}
```

## Border

The CSS property to change the border of an element to Hex B56D24 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
#B56D24 }
```

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

```
.border{ border-color:#B56D24 }
```

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

Here you see how a box with a 4 pixel #B56D24 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B56D24; -webkit-box-shadow:4px 4px  
4px 4px #B56D24; box-shadow:4px 4px 4px  
4px #B56D24 }
```

# Background

The CSS property to change the background color of an element to Hex B56D24 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B56D24 }
```

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

```
.background{ background-color:#B56D24 }
```

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