

# Converting Colors

Hex(B56F24)

Have a look what the booklet for  
Hex(B56F24) contains.

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**Color**

**Hex(B56F24)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B56F24
RGB	181, 111, 36
RGB Percent	71%, 44%, 14%
CMY	0.2902, 0.5647, 0.8588
CMYK	0.00, 0.39, 0.80, 0.29
HSL	31°, 67%, 43%
HSV	31°, 80%, 71%
XYZ	25.0589, 21.3200, 4.4635
YIQ	123.3800, 65.7950, -8.4850

# Conversions

## Conversions Part 2

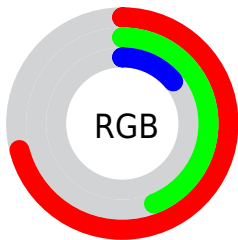
<b>Format</b>	<b>Color</b>
<b>RYB</b>	171, 181, 36
Decimal	11890468
CIELab	53.30, 21.91, 50.52
CIELCh	53, 55.066, 66.551
Yxy	21.3200, 0.4929, 0.4193
Android (android.graphics.Color)	4290080548 (0xFFB56F24)
YUV	123.3800, -43.0783, 50.5327
Hunter-Lab	46.1736, 16.0702, 26.5901

# Details

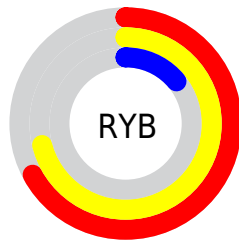
The Hex color **B56F24** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **246AB5**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **F1A357**, and **7B3F00** is the 20% darker color. If you saturate the color by 10%, you get **B56612**, and if you desaturate by 10%, it is **B57836**.

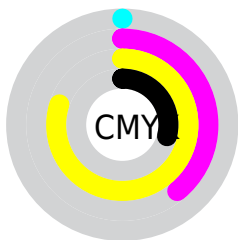
# Distribution



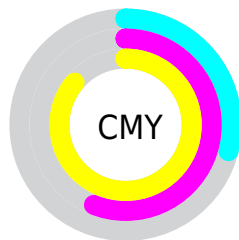
- Red (71%)
- Green (44%)
- Blue (14%)



- Red (67%)
- Yellow (71%)
- Blue (14%)



- Cyan (0%)
- Magenta (39%)
- Yellow (80%)
- Black (29%)



- Cyan (29%)
- Magenta (56%)
- Yellow (86%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B56F24 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 B56F24 by changing the saturation by 10% instead.



 B56F24

 B56F24

FFFFFF

 985606

 F1A357

 7B3F00

 FFBE70

 5E2800

 FFDA8B

 431200

 FFF7A6

 2A0000

 FFFFC2

 000000

 FFFFDE

 FFFFFB

 B56F24

 B56F24

 B56612

 B57836

 B55E00

 B58048

 B5895A

 B5926C

 B59B7F

 B5A391

 B5ACA3

 B5B5B5

 B5BEC7

# Harmonies

## Analogous

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



CF5C49



B56F24



8E8012

# Triad

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



B56F24



009689



8E6ECC

# Complementary

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



B56F24



246AB5

# 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.



1D81DE



B56F24



0095B7

# Square

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



B56F24



009358



008ED6



C05AA6

# Rectangle

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



B56F24



6E8921



008ED6



7575D5



# Sweetspot

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



B56F24



EBCFB2



B5246A



756553



F5F5F5



757575



# Same Dimension

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



B56F24



EB7E09



B3B524



595550



994F00



1A0D00



# Inverse Universe

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



246AB5



0976EB



2624B5



505559



004A99



000C1A



# Previews

## White Background



This preview shows how the Hex color B56F24 looks on a white background.

## Color Contrast Check

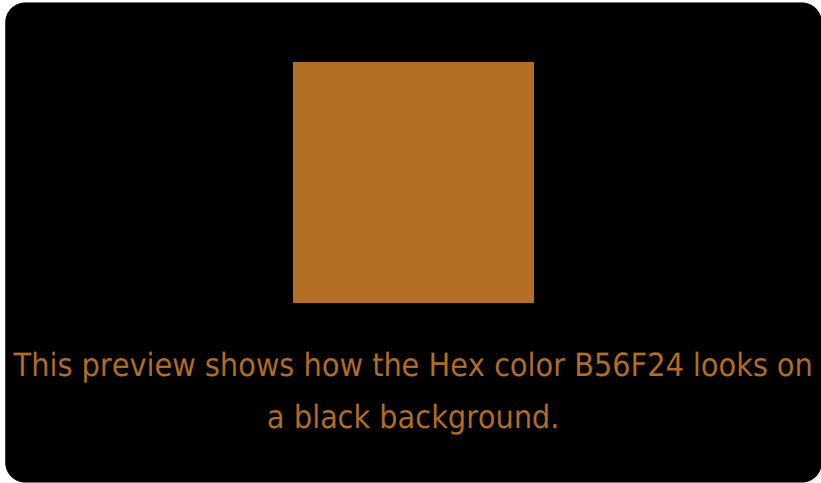
Large Text (above 18pt) WCAG AA ✓ Pass

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

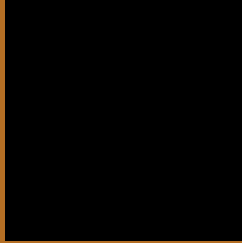
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex B56F24 Background



This preview shows how black text looks on a background with the Hex color B56F24.



This preview shows how white text looks on a background with the Hex color B56F24.

# 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**  
B56F24

**Protanopia**  
8F8028

**Deuteranopia**  
A17920



**Tritanopia**  
B9686F

# Trichromacy



**Original Color**  
B56F24

**Protanomaly**  
9D7A27

**Deuteranomaly**  
A87521

**Tritanomaly**  
B86B54

# Monochromacy



**Original Color**  
B56F24

**Achromatopsia**  
7B7B7B

**Achromatomaly**  
90775B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B56F24 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 #B56F24 looks like.

```
.text, #text, p{  
    color:#B56F24  
}
```

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 #B56F24 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B56F24
}
```

## Border

The CSS property to change the border of an element to Hex B56F24 is called "border". The border property can be set on classes, ids or directly on the HTML element.

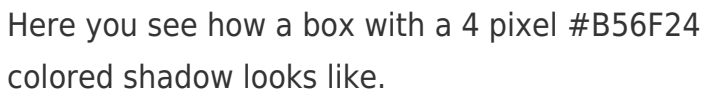
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B56F24 }
```

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

```
.border{ border-color:#B56F24 }
```

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, positioned 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 #B56F24 colored shadow looks like."

Here you see how a box with a 4 pixel #B56F24 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B56F24; -webkit-box-shadow:4px 4px  
4px 4px #B56F24; box-shadow:4px 4px 4px  
4px #B56F24 }
```

# Background

The CSS property to change the background color of an element to Hex B56F24 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B56F24 }
```

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

```
.background{ background-color:#B56F24 }
```

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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