

# Converting Colors

Hex(B26D35)

Have a look what the booklet for  
Hex(B26D35) contains.

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**Color**

**Hex(B26D35)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B26D35
RGB	178, 109, 53
RGB Percent	70%, 43%, 21%
CMY	0.3020, 0.5725, 0.7922
CMYK	0.00, 0.39, 0.70, 0.30
HSL	27°, 54%, 45%
HSV	27°, 70%, 70%
XYZ	24.4713, 20.6593, 6.0660
YIQ	123.2470, 59.1000, -2.7880

# Conversions

## Conversions Part 2

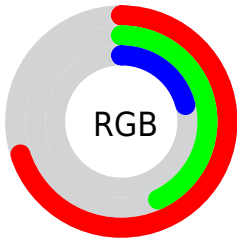
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	178, 154, 53
Decimal	11693365
CIE Lab	52.57, 22.50, 41.85
CIE LCh	53, 47.514, 61.729
Yxy	20.6593, 0.4780, 0.4035
Android (android.graphics.Color)	4289883445 (0xFFB26D35)
YUV	123.2470, -34.6318, 48.0184
Hunter-Lab	45.4525, 16.5614, 23.9040

# Details

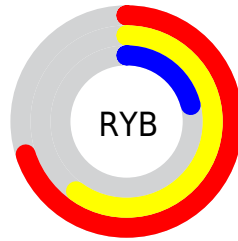
The Hex color **B26D35** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **357AB2**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **EEA166**, and **783D03** is the 20% darker color. If you saturate the color by 10%, you get **B26323**, and if you desaturate by 10%, it is **B27747**.

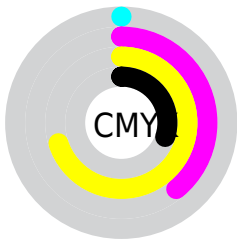
# Distribution



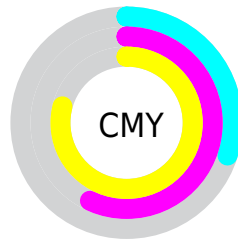
- Red (70%)
- Green (43%)
- Blue (21%)



- Red (70%)
- Yellow (60%)
- Blue (21%)



- Cyan (0%)
- Magenta (39%)
- Yellow (70%)
- Black (30%)



- Cyan (30%)
- Magenta (57%)
- Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B26D35 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 B26D35 by changing the saturation by 10% instead.



 B26D35

 B26D35

FFFFFF

 95541D

 EEA166

 783D03

 FFBC80

 5D2600

 FFD89A

 411000

 FFF4B5

 290000

 FFFFD1

 000000

 FFFFEE

 B26D35

 B26D35

 B26323

 B27747

 B25911

 B28159

 B25000

 B28A6A

 B2947C

 B29E8E

 B2A8A0

 B2B2B2

 B2BCC3

 B2C5D5

# Harmonies

## Analogous

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



C65E55



B26D35



927C26

# Triad

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



B26D35



00917F



8272C3

# Complementary

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



B26D35



357AB2

# 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.



2681CF



B26D35



0091A7

# Square

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



B26D35



2C8E55



008CC5



B161A5

# Rectangle

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



B26D35



77842C



008CC5



6C77C9



# Sweetspot

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



B26D35



E8CDB7



B2357C



756558



F5F5F5



757575



# Same Dimension

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



B26D35



E87C25



B2AA35



595450



994500



1A0B00



# Inverse Universe

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



357AB2



2591E8



353DB2



505559



005499



000E1A



# Previews

## White Background



This preview shows how the Hex color B26D35 looks on a white background.

## Color Contrast Check

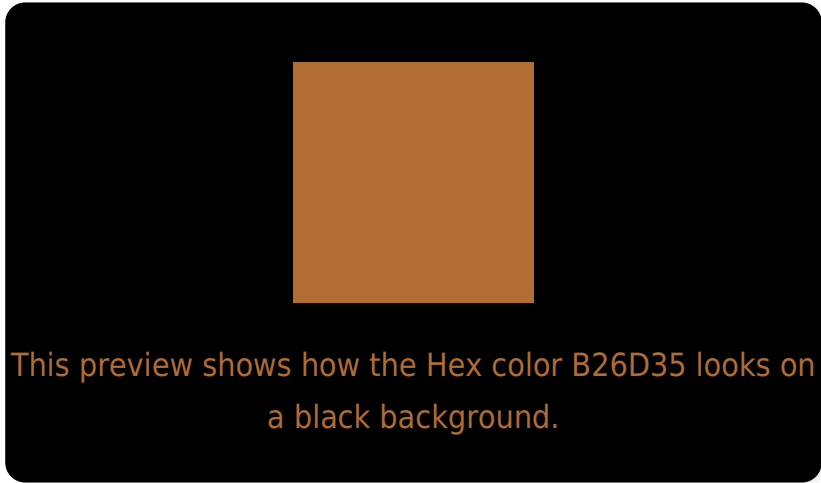
Large Text (above 18pt) WCAG AA ✓ Pass

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

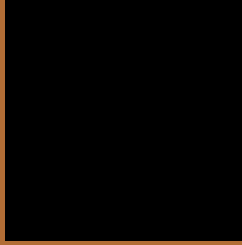
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex B26D35 Background



This preview shows how black text looks on a background with the Hex color B26D35.



This preview shows how white text looks on a background with the Hex color B26D35.

# 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**  
B26D35

**Protanopia**  
8C7E3A

**Deuteranopia**  
9D7832



**Tritanopia**  
B5676E

# Trichromacy



**Original Color**  
B26D35

**Protanomaly**  
9A7838

**Deuteranomaly**  
A57433

**Tritanomaly**  
B46959

# Monochromacy



**Original Color**  
B26D35

**Achromatopsia**  
7B7B7B

**Achromatomaly**  
8F7662

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B26D35 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 #B26D35 looks like.

```
.text, #text, p{  
    color:#B26D35  
}
```

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 #B26D35 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B26D35
}
```

## Border

The CSS property to change the border of an element to Hex B26D35 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
#B26D35 }
```

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

```
.border{ border-color:#B26D35 }
```

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

Here you see how a box with a 4 pixel #B26D35 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B26D35; -webkit-box-shadow:4px 4px  
4px 4px #B26D35; box-shadow:4px 4px 4px  
4px #B26D35 }
```

# Background

The CSS property to change the background color of an element to Hex B26D35 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B26D35 }
```

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

```
.background{ background-color:#B26D35 }
```

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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