

# Converting Colors

Hex(B26F1F)

Have a look what the booklet for  
Hex(B26F1F) contains.

<b>Hex(B26F1F)</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(B26F1F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B26F1F
RGB	178, 111, 31
RGB Percent	70%, 44%, 12%
CMY	0.3020, 0.5647, 0.8784
CMYK	0.00, 0.38, 0.83, 0.30
HSL	33°, 70%, 41%
HSV	33°, 83%, 70%
XYZ	24.2919, 20.9328, 4.0564
YIQ	121.9130, 65.6120, -10.6760

# Conversions

## Conversions Part 2

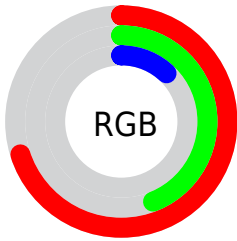
<b>Format</b>	<b>Color</b>
<b>RYB</b>	154, 178, 31
Decimal	11693855
CIELab	52.88, 20.43, 51.95
CIELCh	53, 55.826, 68.537
Yxy	20.9328, 0.4929, 0.4248
Android (android.graphics.Color)	4289883935 (0xFFB26F1F)
YUV	121.9130, -44.8201, 49.1883
Hunter-Lab	45.7524, 14.7066, 26.7700

# Details

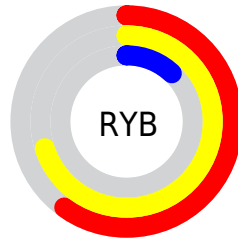
The Hex color **B26F1F** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **1F62B2**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **EEA353**, and **783F00** is the 20% darker color. If you saturate the color by 10%, you get **B2670D**, and if you desaturate by 10%, it is **B27731**.

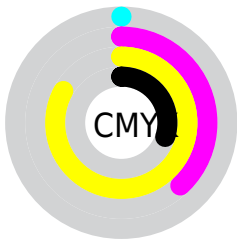
# Distribution



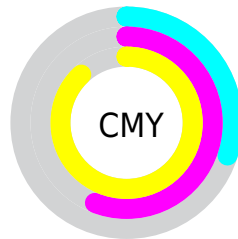
- Red (70%)
- Green (44%)
- Blue (12%)



- Red (60%)
- Yellow (70%)
- Blue (12%)



- Cyan (0%)
- Magenta (38%)
- Yellow (83%)
- Black (30%)



- Cyan (30%)
- Magenta (56%)
- Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B26F1F 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 B26F1F by changing the saturation by 10% instead.





B26F1F



B26F1F

FFFFFF



955600



EEA353



783F00



FFBE6C



5C2800



FFDA87



401300



FFF6A2



280000



FFFFBD



000000



FFFFDA



FFFFF7



B26F1F



B26F1F

 B2670D

 B27731

 B26100

 B27F43

 B28754

 B28F66

 B29878

 B2A08A

 B2A89C

 B2B0AD

 B2B8BF

# Harmonies

## Analogous

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



CD5B45



B26F1F



8A800E

# Triad

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



B26F1F



00958B



926BCA

# Complementary

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



B26F1F



1F62B2

# 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.



287FDD



B26F1F



0093B9

# Square

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



B26F1F



009359



008DD7



C257A2

# Rectangle

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



B26F1F



698920



008DD7



7972D3



# Sweetspot

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



B26F1F



E8CEAE



B21F64



756552



F5F5F5



757575



# Same Dimension

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



B26F1F



E87F02



ADB21F



595550



995300



1A0E00



# Inverse Universe

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



1F62B2



026BE8



241FB2



505459



004699



000C1A



# Previews

## White Background



This preview shows how the Hex color B26F1F 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

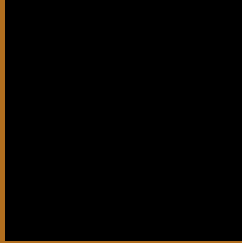
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex B26F1F Background



This preview shows how black text looks on a background with the Hex color B26F1F.



This preview shows how white text looks on a background with the Hex color B26F1F.

# 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**  
B26F1F

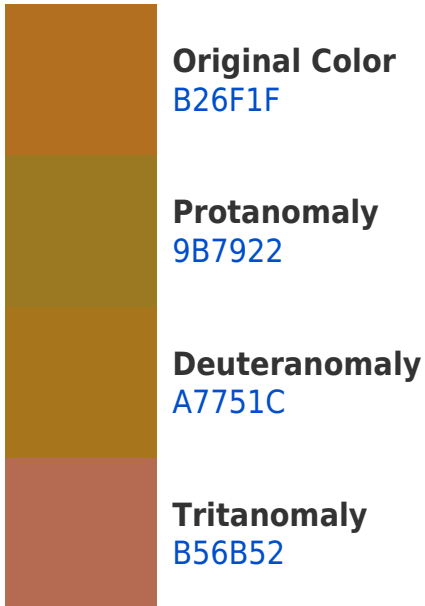
**Protanopia**  
8E7F23

**Deuteranopia**  
A0781B



**Tritanopia**  
B6686F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B26F1F 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 #B26F1F looks like.

```
.text, #text, p{  
    color:#B26F1F  
}
```

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 #B26F1F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B26F1F
}
```

## Border

The CSS property to change the border of an element to Hex B26F1F 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
#B26F1F }
```

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

```
.border{ border-color:#B26F1F }
```

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

Here you see how a box with a 4 pixel #B26F1F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B26F1F; -webkit-box-shadow:4px 4px  
4px 4px #B26F1F; box-shadow:4px 4px 4px  
4px #B26F1F }
```

# Background

The CSS property to change the background color of an element to Hex B26F1F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B26F1F }
```

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

```
.background{ background-color:#B26F1F }
```

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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