

# Converting Colors

Hex(A26506)

Have a look what the booklet for  
Hex(A26506) contains.

<b>Hex(A26506)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(A26506)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A26506
RGB	162, 101, 6
RGB Percent	64%, 40%, 2%
CMY	0.3647, 0.6039, 0.9765
CMYK	0.00, 0.38, 0.96, 0.36
HSL	37°, 93%, 33%
HSV	37°, 96%, 64%
XYZ	19.5868, 17.0019, 2.4217
YIQ	108.4090, 66.8510, -16.6130

# Conversions

## Conversions Part 2

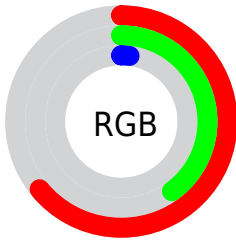
<b>Format</b>	<b>Color</b>
<b>RYB</b>	106, 162, 6
Decimal	10642694
CIELab	48.26, 18.34, 54.55
CIElCh	48, 57.553, 71.418
Yxy	17.0019, 0.5021, 0.4358
Android (android.graphics.Color)	4288832774 (0xFFA26506)
YUV	108.4090, -50.4876, 46.9993
Hunter-Lab	41.2334, 12.6335, 25.3812

# Details

The Hex color **A26506** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **0643A2**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **DE9841**, and **693600** is the 20% darker color. If you saturate the color by 10%, you get **A26300**, and if you desaturate by 10%, it is **A26B16**.

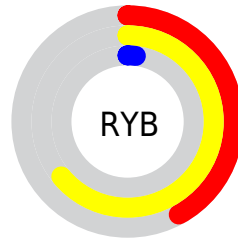
# Distribution



Red (64%)

Green (40%)

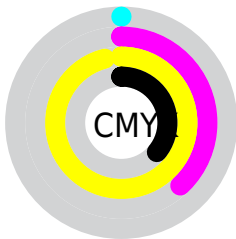
Blue (2%)



Red (42%)

Yellow (64%)

Blue (2%)

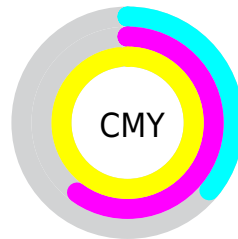


Cyan (0%)

Magenta (38%)

Yellow (96%)

Black (36%)



Cyan (36%)

Magenta (60%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A26506 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 A26506 by changing the saturation by 10% instead.



 A26506

 A26506

FFFFFF

 854D00

 DE9841

 693600

 FCB35B

 4C2000

 FFCE75

 320B00

 FFEB90

 170000

 FFFFAB

 000000

 FFFFC7

 FFFF E3

 A26506

 A26506

■ A26300

■ A26B16

■ A27226

■ A27837

■ A27E47

■ A28557

■ A28B67

■ A29177

■ A29888

■ A29E98

# Harmonies

## Analogous

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



BF5034



A26506



787600

# Triad

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



A26506



008984



8C5DBC

# Complementary

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



A26506



0643A2

# 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.



1D72D3



A26506



0087B2

# Square

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



A26506



008752



0080CF



BA4793

# Rectangle

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



A26506



567E11



0080CF



7465C6



# Sweetspot

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



A26506



D4BC96



A20644



6B5C46



EBEBEB



6B6B6B



# Same Dimension

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



A26506



D48100



92A206



524E49



915900



120B00



# Inverse Universe

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



0643A2



0053D4



1606A2



494D52



003991

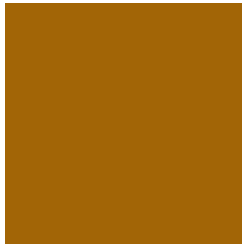


000712



# Previews

## White Background



This preview shows how the Hex color A26506 looks on a white background.

## Color Contrast Check

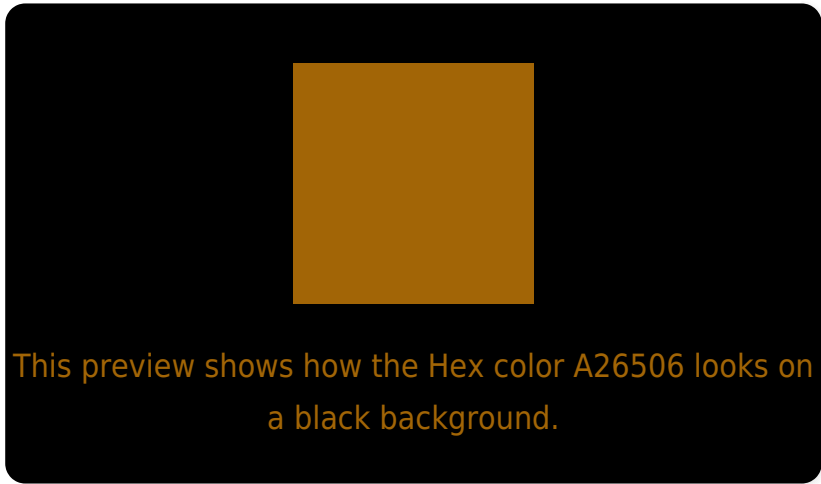
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black 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

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



## Hex A26506 Background



This preview shows how black text looks on a background with the Hex color A26506.



This preview shows how white text looks on a background with the Hex color A26506.

# 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**  
A26506

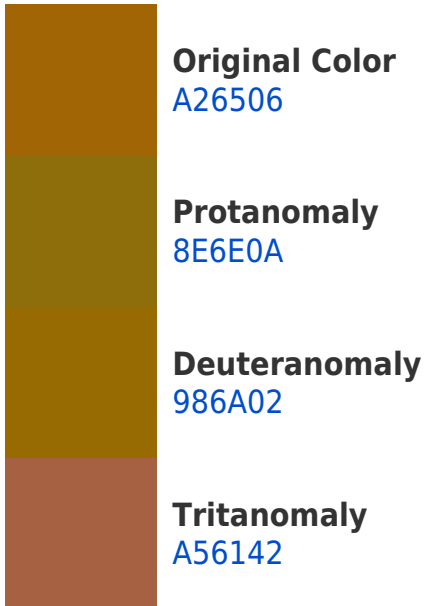
**Protanopia**  
82730D

**Deuteranopia**  
926D00



**Tritanopia**  
A65E65

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A26506 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 #A26506 looks like.

```
.text, #text, p{  
    color:#A26506  
}
```

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 #A26506 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A26506
}
```

## Border

The CSS property to change the border of an element to Hex A26506 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
#A26506 }
```

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

```
.border{ border-color:#A26506 }
```

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

Here you see how a box with a 4 pixel #A26506 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A26506; -webkit-box-shadow:4px 4px  
4px 4px #A26506; box-shadow:4px 4px 4px  
4px #A26506 }
```

# Background

The CSS property to change the background color of an element to Hex A26506 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A26506 }
```

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

```
.background{ background-color:#A26506 }
```

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