

Converting Colors

Hex(A66B26)

Have a look what the booklet for
Hex(A66B26) contains.

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Color

Hex(A66B26)

Conversions

Conversions Part 1

Format	Color
Hex	A66B26
RGB	166, 107, 38
RGB Percent	65%, 42%, 15%
CMY	0.3490, 0.5804, 0.8510
CMYK	0.00, 0.36, 0.77, 0.35
HSL	32°, 63%, 40%
HSV	32°, 77%, 65%
XYZ	21.3334, 18.7623, 4.3308
YIQ	116.7750, 57.3130, -8.9510

Conversions

Conversions Part 2

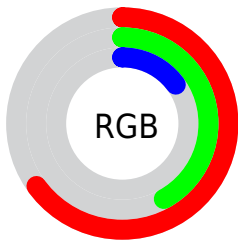
Format	Color
R_{YB}	147, 166, 38
Decimal	10906406
CIE Lab	50.41, 17.62, 46.23
CIE LCh	50, 49.471, 69.133
Yxy	18.7623, 0.4802, 0.4223
Android (android.graphics.Color)	4289096486 (0xFFA66B26)
YUV	116.7750, -38.8361, 43.1703
Hunter-Lab	43.3155, 12.1114, 24.3928

Details

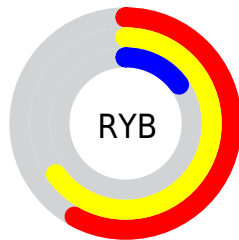
The Hex color **A66B26** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **2661A6**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **E19E58**, and **6D3B00** is the 20% darker color. If you saturate the color by 10%, you get **A66315**, and if you desaturate by 10%, it is **A67337**.

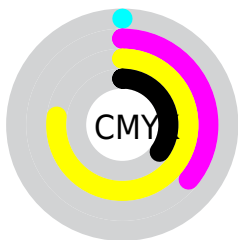
Distribution



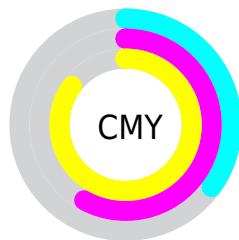
- Red (65%)
- Green (42%)
- Blue (15%)



- Red (58%)
- Yellow (65%)
- Blue (15%)



- Cyan (0%)
- Magenta (36%)
- Yellow (77%)
- Black (35%)



- Cyan (35%)
- Magenta (58%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color A66B26 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 A66B26 by changing the saturation by 10% instead.

 A66B26

 A66B26

FFFFFF

 89530A

 E19E58

 6D3B00

 FFB971

 522500

 FFD58B

 371100

 FFF2A6

 200001

 FFFFC2

 000000

 FFFFDE

 FFFFFB

 A66B26

 A66B26

 A66315

 A67337

 A65C05

 A67A47

 A65900

 A68258

 A68A68

 A69179

 A6998A

 A6A19A

 A6A8AB

 A6B0BB

Harmonies

Analogous

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



BE5A45



A66B26



827A1C

Triad

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



A66B26



008C84



8B67BA

Complementary

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



A66B26



2661A6

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.



3A78CB



A66B26



008BAC

Square

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



A66B26



008A58



0084C6



B55797

Rectangle

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



A66B26



658128



0084C6



766DC2

Sweetspot

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



A66B26



D9C2A7



A62662



6E5F4F



EDEDED



6E6E6E

Same Dimension

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



A66B26



D97C0F



A2A626



54504C



945000



140B00

Inverse Universe

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



2661A6



0F6CD9



2A26A6



4C5054



004494



000914

Previews

White Background



This preview shows how the Hex color A66B26 looks on a white background.

Color Contrast Check

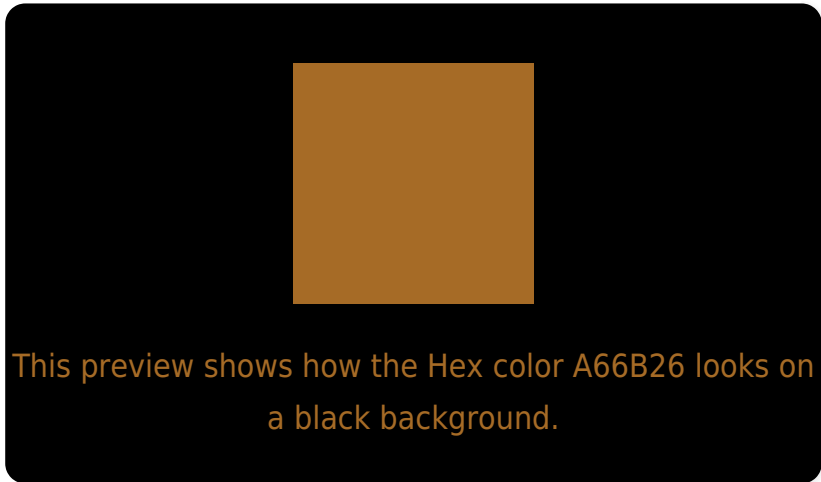
Large Text (above 18pt) WCAG AA ✓ Pass

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

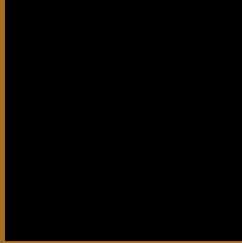
Any Text WCAG AA ✓ Pass

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 A66B26 Background



This preview shows how black text looks on a background with the Hex color A66B26.



This preview shows how white text looks on a background with the Hex color A66B26.

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
A66B26

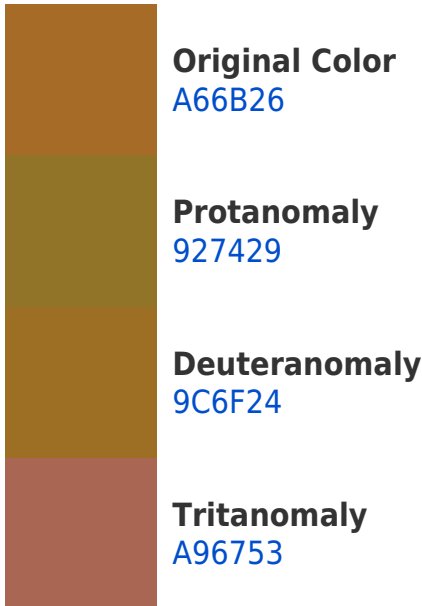
Protanopia
87792A

Deuteranopia
977223

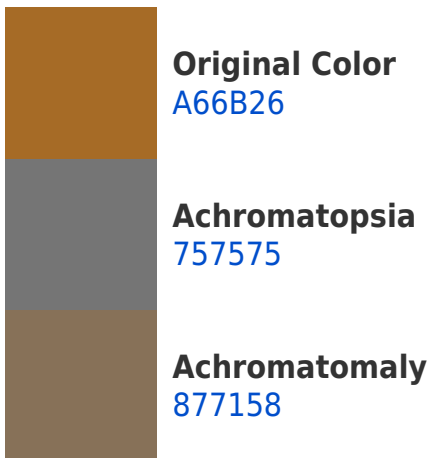


Tritanopia
AA646C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A66B26 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 #A66B26 looks like.

```
.text, #text, p{  
    color:#A66B26  
}
```

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 #A66B26 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A66B26
}
```

Border

The CSS property to change the border of an element to Hex A66B26 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
#A66B26 }
```

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

```
.border{ border-color:#A66B26 }
```

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

Here you see how a box with a 4 pixel #A66B26 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A66B26; -webkit-box-shadow:4px 4px  
4px 4px #A66B26; box-shadow:4px 4px 4px  
4px #A66B26 }
```

Background

The CSS property to change the background color of an element to Hex A66B26 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A66B26 }
```

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

```
.background{ background-color:#A66B26 }
```

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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