

Converting Colors

Hex(A66B30)

Have a look what the booklet for
Hex(A66B30) contains.

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Color

Hex(A66B30)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | A66B30 |
| RGB | 166, 107, 48 |
| RGB Percent | 65%, 42%, 19% |
| CMY | 0.3490, 0.5804, 0.8118 |
| CMYK | 0.00, 0.36, 0.71, 0.35 |
| HSL | 30°, 55%, 42% |
| HSV | 30°, 71%, 65% |
| XYZ | 21.5171, 18.8358, 5.2979 |
| YIQ | 117.9150, 54.1030, -5.8410 |

Conversions

Conversions Part 2

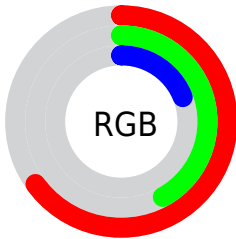
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 166, 166, 48 |
| Decimal | 10906416 |
| CIE _{Lab} | 50.49, 18.12, 41.63 |
| CIE _{LCh} | 50, 45.402, 66.481 |
| Yxy | 18.8358, 0.4713, 0.4126 |
| Android (android.graphics.Color) | 4289096496 (0xFFA66B30) |
| YUV | 117.9150, -34.4681, 42.1705 |
| Hunter-Lab | 43.4002, 12.5469, 23.1426 |

Details

The Hex color **A66B30** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **306BA6**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **E19F61**, and **6D3B00** is the 20% darker color. If you saturate the color by 10%, you get **A6631F**, and if you desaturate by 10%, it is **A67341**.

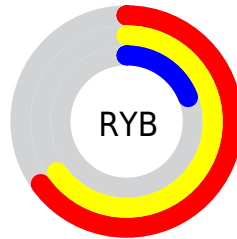
Distribution



Red (65%)

Green (42%)

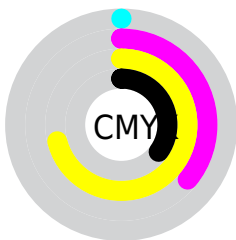
Blue (19%)



Red (65%)

Yellow (65%)

Blue (19%)

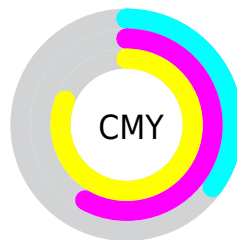


Cyan (0%)

Magenta (36%)

Yellow (71%)

Black (35%)



Cyan (35%)

Magenta (58%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color A66B30 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 A66B30 by changing the saturation by 10% instead.

 A66B30

 A66B30

FFFFFF

 895318

 E19F61

 6D3B00

 FFBA7B

 522500

 FFD595

 371000

 FFF2B0

 210001

 FFFFCC

 000000

 FFFFEE

 A66B30

 A66B30

 A6631F

 A67341

 A65A0F

 A67C51

 A65300

 A68462

 A68C72

 A69483

 A69D94

 A6A5A4

 A6ADB5

 A6B6C5

Harmonies

Analogous

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



BB5D4C



A66B30



867926

Triad

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



A66B30



008B80



856BB7

Complementary

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



A66B30



306BA6

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.



3C7AC5



A66B30



008AA5

Square

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



A66B30



1C8958



0084BF



AE5C98

Rectangle

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



A66B30



6C802F



0084BF



7270BE

Sweetspot

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



A66B30



D9C2AB



A6306B



6E6052



EDEDED



6E6E6E

Same Dimension

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



A66B30



D97D21



A6A630



54504C



944A00



140A00

Inverse Universe

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



306BA6



217DD9



3030A6



4C5054



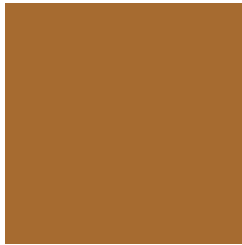
004A94



000A14

Previews

White Background



This preview shows how the Hex color A66B30 looks on a white background.

Color Contrast Check

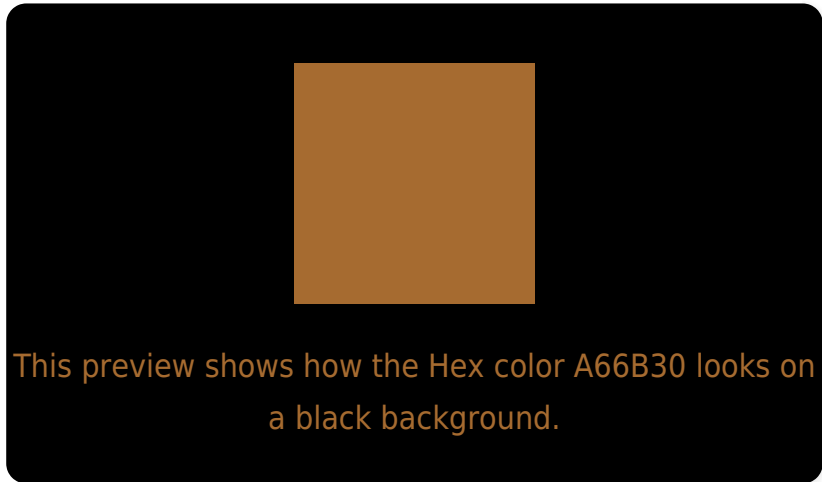
Large Text (above 18pt) WCAG AA ✓ Pass

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

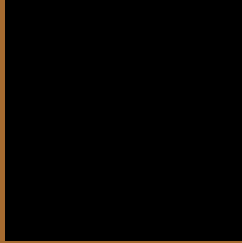
Any Text WCAG AA ✓ Pass

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 A66B30 Background



This preview shows how black text looks on a background with the Hex color A66B30.



This preview shows how white text looks on a background with the Hex color A66B30.

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
A66B30

Protanopia
867934

Deuteranopia
96732E



Tritanopia
AA656C

Trichromacy



Original Color
A66B30

Protanomaly
927433

Deuteranomaly
9C702F

Tritanomaly
A96756

Monochromacy



Original Color
A66B30

Achromatopsia
767676

Achromatomaly
87725D

CSS Examples

Text

The CSS property to change the color of the text to Hex A66B30 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 #A66B30 looks like.

```
.text, #text, p{  
    color:#A66B30  
}
```

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 #A66B30 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A66B30
}
```

Border

The CSS property to change the border of an element to Hex A66B30 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
#A66B30 }
```

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

```
.border{ border-color:#A66B30 }
```

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

Here you see how a box with a 4 pixel #A66B30 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A66B30; -webkit-box-shadow:4px 4px  
4px 4px #A66B30; box-shadow:4px 4px 4px  
4px #A66B30 }
```

Background

The CSS property to change the background color of an element to Hex A66B30 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A66B30 }
```

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

```
.background{ background-color:#A66B30 }
```

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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