

Converting Colors

Hex(A66A37)

Have a look what the booklet for
Hex(A66A37) contains.

Hex(A66A37)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(A66A37)

Conversions

Conversions Part 1

Format	Color
Hex	A66A37
RGB	166, 106, 55
RGB Percent	65%, 42%, 22%
CMY	0.3490, 0.5843, 0.7843
CMYK	0.00, 0.36, 0.67, 0.35
HSL	28°, 50%, 43%
HSV	28°, 67%, 65%
XYZ	21.5695, 18.6909, 6.0853
YIQ	118.1260, 52.1310, -3.1410

Conversions

Conversions Part 2

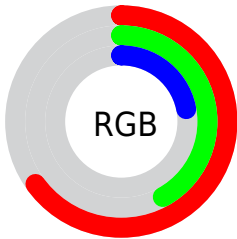
Format	Color
R_{YB}	166, 149, 55
Decimal	10906167
CIE _{Lab}	50.32, 19.10, 37.88
CIE _{LCh}	50, 42.428, 63.242
Yxy	18.6909, 0.4654, 0.4033
Android (android.graphics.Color)	4289096247 (0xFFA66A37)
YUV	118.1260, -31.1211, 41.9855
Hunter-Lab	43.2330, 13.3984, 21.9177

Details

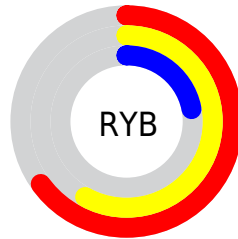
The Hex color **A66A37** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **3773A6**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **E09E68**, and **6E3A07** is the 20% darker color. If you saturate the color by 10%, you get **A66126**, and if you desaturate by 10%, it is **A67348**.

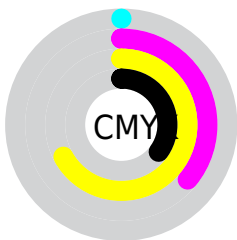
Distribution



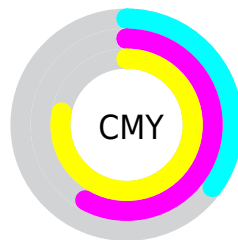
- Red (65%)
- Green (42%)
- Blue (22%)



- Red (65%)
- Yellow (58%)
- Blue (22%)



- Cyan (0%)
- Magenta (36%)
- Yellow (67%)
- Black (35%)



- Cyan (35%)
- Magenta (58%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color A66A37 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 A66A37 by changing the saturation by 10% instead.

 A66A37

 A66A37

FFFFFF

 8A5220

 E09E68

 6E3A07

 FEB981

 532400

 FFD49C

 380F00

 FFF1B7

 220001

 FFFFD3

 000000

 FFFFEF

 A66A37

 A66A37

 A66126

 A67348

 A65816

 A67C58

 A64F05

 A68569

 A64C00

 A68E79

 A6978A

 A6A09B

 A6A9AB

 A6B2BC

 A6BBCC

Harmonies

Analogous

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



B85D52



A66A37



89772C

Triad

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



A66A37



008A7B



7F6DB4

Complementary

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



A66A37



3773A6

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.



3A7AC0



A66A37



00899E

Square

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



A66A37



308756



0084B8



A75F99

Rectangle

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



A66A37



717E32



0084B8



6C72BA

Sweetspot

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



A66A37



D9C1AD



A63774



6E5F53



EDEDED



6E6E6E

Same Dimension

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



A66A37



D97B2B



A6A037



54504C



944400



140900

Inverse Universe

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



3773A6



2B89D9



373DA6



4C5054



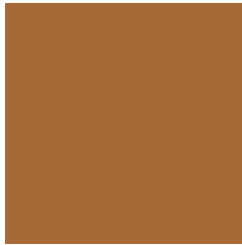
005094



000B14

Previews

White Background



This preview shows how the Hex color A66A37 looks on a white background.

Color Contrast Check

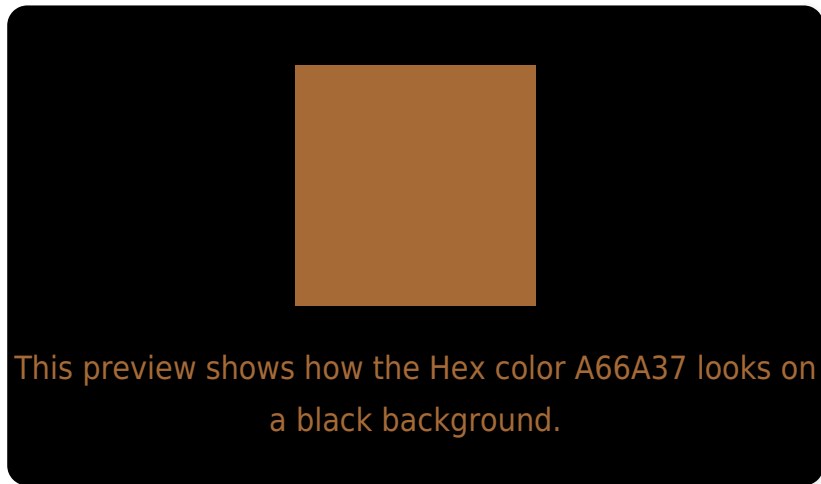
Large Text (above 18pt) WCAG AA ✓ Pass

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

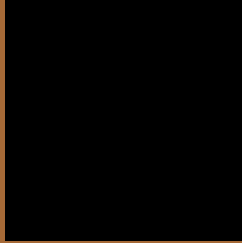
Any Text WCAG AA ✓ Pass

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 A66A37 Background



This preview shows how black text looks on a background with the Hex color A66A37.



This preview shows how white text looks on a background with the Hex color A66A37.

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
A66A37

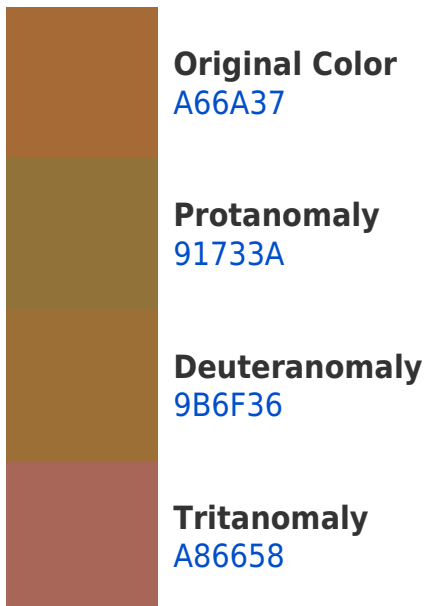
Protanopia
85783C

Deuteranopia
957235

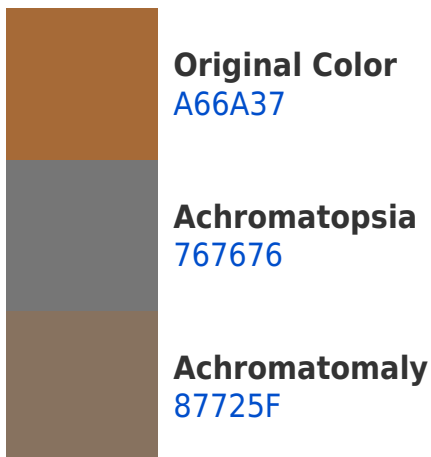


Tritanopia
A9646B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A66A37 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 #A66A37 looks like.

```
.text, #text, p{  
    color:#A66A37  
}
```

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 #A66A37 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A66A37
}
```

Border

The CSS property to change the border of an element to Hex A66A37 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
#A66A37 }
```

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

```
.border{ border-color:#A66A37 }
```

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

Here you see how a box with a 4 pixel #A66A37 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A66A37; -webkit-box-shadow:4px 4px  
4px 4px #A66A37; box-shadow:4px 4px 4px  
4px #A66A37 }
```

Background

The CSS property to change the background color of an element to Hex A66A37 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A66A37 }
```

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

```
.background{ background-color:#A66A37 }
```

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