

Converting Colors

Hex(A66F37)

Have a look what the booklet for
Hex(A66F37) contains.

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Color

Hex(A66F37)

Conversions

Conversions Part 1

Format	Color
Hex	A66F37
RGB	166, 111, 55
RGB Percent	65%, 44%, 22%
CMY	0.3490, 0.5647, 0.7843
CMYK	0.00, 0.33, 0.67, 0.35
HSL	30°, 50%, 43%
HSV	30°, 67%, 65%
XYZ	22.0999, 19.7517, 6.2621
YIQ	121.0610, 50.7560, -5.7560

Conversions

Conversions Part 2

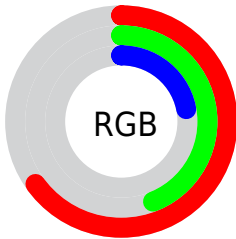
Format	Color
RYB	164, 166, 55
Decimal	10907447
CIELab	51.56, 16.27, 39.27
CIELCh	52, 42.512, 67.495
Yxy	19.7517, 0.4593, 0.4105
Android (android.graphics.Color)	4289097527 (0xFFA66F37)
YUV	121.0610, -32.5681, 39.4115
Hunter-Lab	44.4429, 10.9868, 22.7559

Details

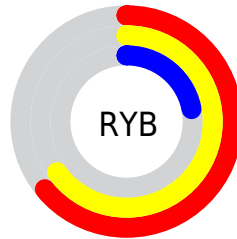
The Hex color **A66F37** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **376EA6**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **E0A368**, and **6E3F06** is the 20% darker color. If you saturate the color by 10%, you get **A66726**, and if you desaturate by 10%, it is **A67748**.

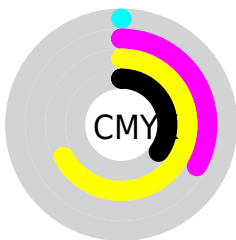
Distribution



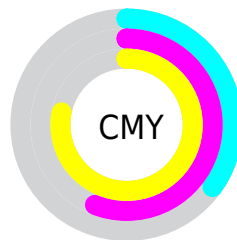
- Red (65%)
- Green (44%)
- Blue (22%)



- Red (64%)
- Yellow (65%)
- Blue (22%)



- Cyan (0%)
- Magenta (33%)
- Yellow (67%)
- Black (35%)



- Cyan (35%)
- Magenta (56%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color A66F37 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 A66F37 by changing the saturation by 10% instead.

 A66F37

 A66F37

FFFFFF

 8A571F

 E0A368

 6E3F06

 FEBE82

 532900

 FFDA9C

 381400

 FFF6B7

 210000

 FFFFD3

 000000

 FFFFF0

 A66F37

 A66F37

 A66726

 A67748

 A65F16

 A67F58

 A65605

 A68869

 A65400

 A69079

 A6988A

 A6A09B

 A6A9AB

 A6B1BC

 A6B9CC

Harmonies

Analogous

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



BA6250



A66F37



877C2F

Triad

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



A66F37



008D83



896EB5

Complementary

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



A66F37



376EA6

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.



4A7CC3



A66F37



008CA6

Square

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



A66F37



298B5E



0086BE



AF6097

Rectangle

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



A66F37



6E8337



0086BE



7873BB

Sweetspot

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



A66F37



D9C3AD



A6376E



6E6153



EDEDED



6E6E6E

Same Dimension

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



A66F37



D9832B



A6A637



54504C



944B00



140A00

Inverse Universe

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



376EA6



2B81D9



3737A6



4C5054



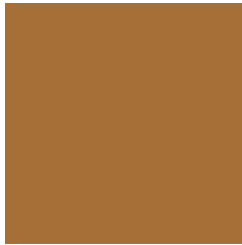
004994



000A14

Previews

White Background



This preview shows how the Hex color A66F37 looks on a white background.

Color Contrast Check

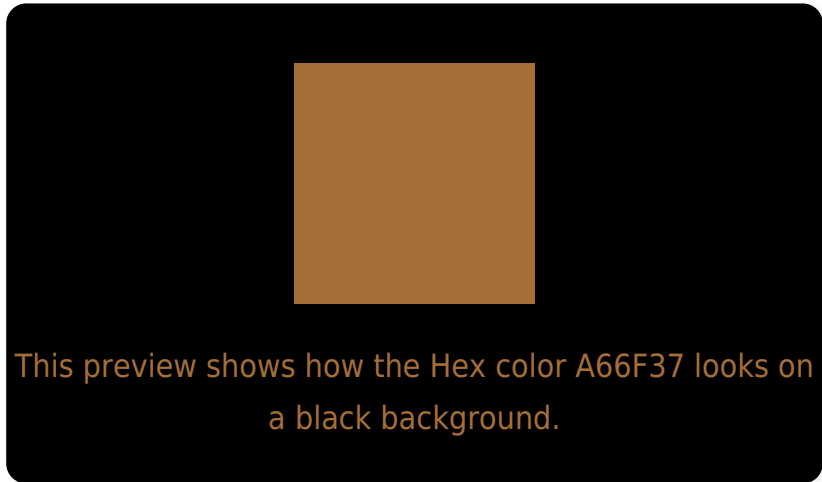
Large Text (above 18pt) WCAG AA ✓ Pass

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

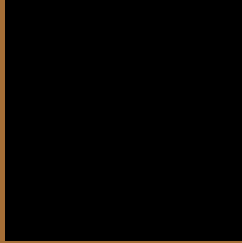
Any Text WCAG AA ✓ Pass

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 A66F37 Background



This preview shows how black text looks on a background with the Hex color A66F37.



This preview shows how white text looks on a background with the Hex color A66F37.

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
A66F37

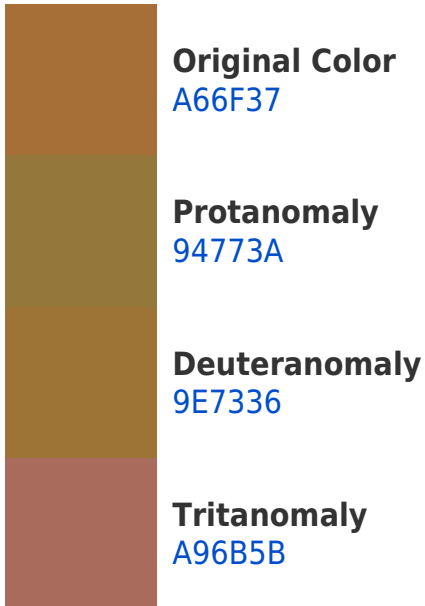
Protanopia
897B3B

Deuteranopia
997535

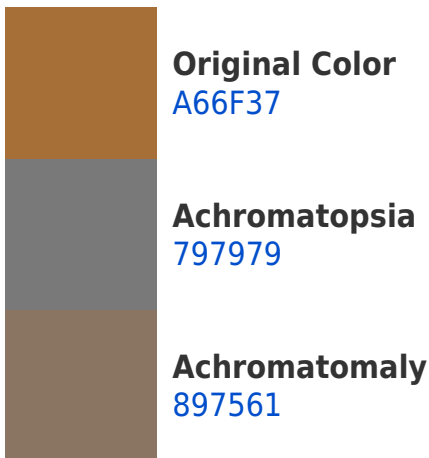


Tritanopia
AA6970

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A66F37 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 #A66F37 looks like.

```
.text, #text, p{  
    color:#A66F37  
}
```

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 #A66F37 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A66F37
}
```

Border

The CSS property to change the border of an element to Hex A66F37 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
#A66F37 }
```

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

```
.border{ border-color:#A66F37 }
```

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

Here you see how a box with a 4 pixel #A66F37 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A66F37; -webkit-box-shadow:4px 4px  
4px 4px #A66F37; box-shadow:4px 4px 4px  
4px #A66F37 }
```

Background

The CSS property to change the background color of an element to Hex A66F37 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A66F37 }
```

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

```
.background{ background-color:#A66F37 }
```

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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