

Converting Colors

Hex(A5870F)

Have a look what the booklet for
Hex(A5870F) contains.

Hex(A5870F)	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(A5870F)

Conversions

Conversions Part 1

Format	Color
Hex	A5870F
RGB	165, 135, 15
RGB Percent	65%, 53%, 6%
CMY	0.3529, 0.4706, 0.9412
CMYK	0.00, 0.18, 0.91, 0.35
HSL	48°, 83%, 35%
HSV	48°, 91%, 65%
XYZ	24.2672, 25.3618, 4.0682
YIQ	130.2900, 56.4000, -30.9600

Conversions

Conversions Part 2

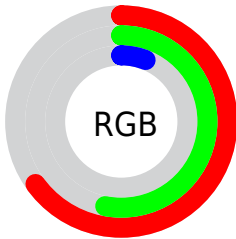
Format	Color
R_{YB}	53, 165, 15
Decimal	10848015
CIE _{Lab}	57.43, 0.71, 59.74
CIE _{LCh}	57, 59.739, 89.323
Yxy	25.3618, 0.4519, 0.4723
Android (android.graphics.Color)	4289038095 (0xFFA5870F)
YUV	130.2900, -56.8380, 30.4407
Hunter-Lab	50.3605, -2.1169, 30.4628

Details

The Hex color **A5870F** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **0F2DA5**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **E0BC4B**, and **6D5600** is the 20% darker color. If you saturate the color by 10%, you get **A58400**, and if you desaturate by 10%, it is **A58A1F**.

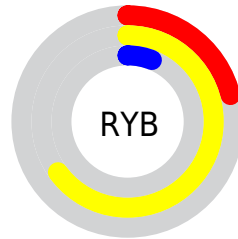
Distribution



Red (65%)

Green (53%)

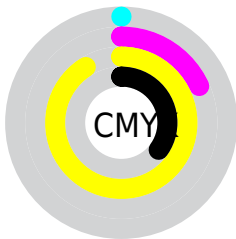
Blue (6%)



Red (21%)

Yellow (65%)

Blue (6%)

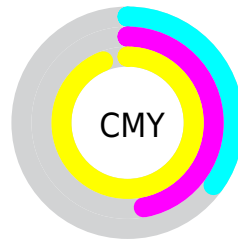


Cyan (0%)

Magenta (18%)

Yellow (91%)

Black (35%)



Cyan (35%)

Magenta (47%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color A5870F 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 A5870F by changing the saturation by 10% instead.

 A5870F

 A5870F


FFFFFF

 886E00

 E0BC4B

 6D5600

 FED866

 513F00

 FFF481

 372900

 FFFF9C

 1E1500

 FFFF88

 000000

 FFFFD5

 FFFFF2

 A5870F

 A5870F

■ A58400

■ A58A1F

■ A58E30

■ A59141

■ A59451

■ A59762

■ A59B72

■ A59E83

■ A5A193

■ A5A5A3

Harmonies

Analogous

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



CD732E



A5870F



719624

Triad

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



A5870F



00A2BC



C765C0

Complementary

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



A5870F



0F2DA5

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.



877DE5



A5870F



009DE3

Square

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



A5870F



00A287



0090F3



E5578D

Rectangle

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



A5870F



439C41



0090F3



B66DCF

Sweetspot

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



A5870F



D6CB9C



A50F2D



6B6449



EBEBEB



6B6B6B

Same Dimension

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



A5870F



D6AB00



78A50F



525049



917400



120E00

Inverse Universe

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



0F2DA5



002BD6



3C0FA5



494B52



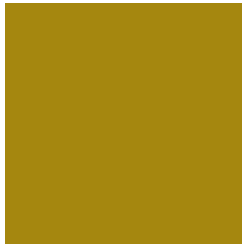
001D91



000412

Previews

White Background



This preview shows how the Hex color A5870F looks on a white background.

Color Contrast Check

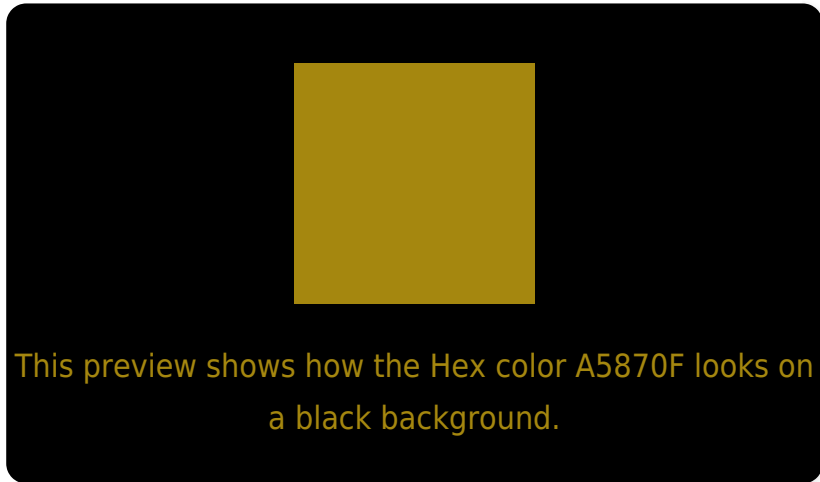
Large Text (above 18pt) WCAG AA ✓ Pass

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 A5870F Background



This preview shows how black text looks on a background with the Hex color A5870F.

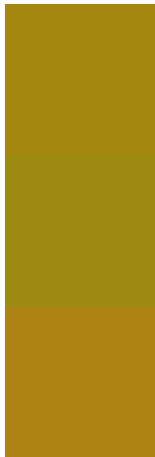


This preview shows how white text looks on a background with the Hex color A5870F.

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
A5870F

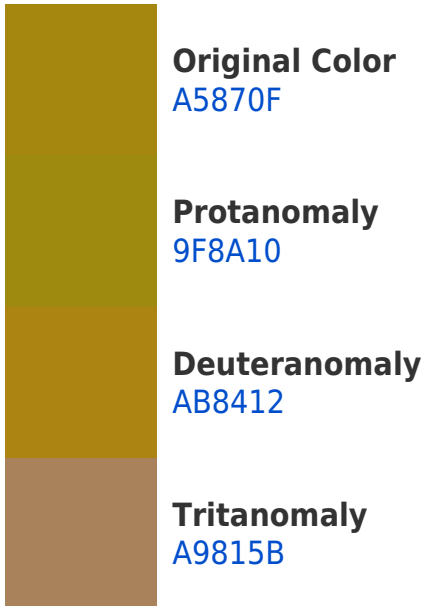
Protanopia
9C8B10

Deuteranopia
AE8313

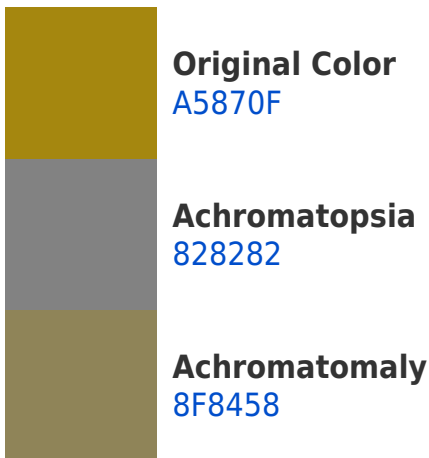


Tritanopia
AC7E87

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A5870F 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 #A5870F looks like.

```
.text, #text, p{  
    color:#A5870F  
}
```

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 #A5870F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A5870F
}
```

Border

The CSS property to change the border of an element to Hex A5870F 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
#A5870F }
```

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

```
.border{ border-color:#A5870F }
```

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

Here you see how a box with a 4 pixel #A5870F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A5870F; -webkit-box-shadow:4px 4px  
4px 4px #A5870F; box-shadow:4px 4px 4px  
4px #A5870F }
```

Background

The CSS property to change the background color of an element to Hex A5870F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A5870F }
```

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

```
.background{ background-color:#A5870F }
```

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