

Converting Colors

Hex(5A7034)

Have a look what the booklet for
Hex(5A7034) contains.

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Color

Hex(5A7034)

Conversions

Conversions Part 1

Format	Color
Hex	5A7034
RGB	90, 112, 52
RGB Percent	35%, 44%, 20%
CMY	0.6471, 0.5608, 0.7961
CMYK	0.20, 0.00, 0.54, 0.56
HSL	82°, 37%, 32%
HSV	82°, 54%, 44%
XYZ	10.6305, 14.0099, 5.3927
YIQ	98.5820, 6.1480, -23.3240

Conversions

Conversions Part 2

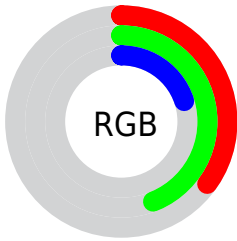
Format	Color
RYB	52, 112, 74
Decimal	5926964
CIELab	44.25, -18.78, 30.43
CIELCh	44, 35.758, 121.689
Yxy	14.0099, 0.3540, 0.4665
Android (android.graphics.Color)	4284117044 (0xFF5A7034)
YUV	98.5820, -22.9649, -7.5264
Hunter-Lab	37.4298, -14.8064, 17.6587

Details

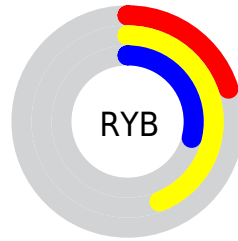
The Hex color **5A7034** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **4A3470**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **8DA464**, and **2A4005** is the 20% darker color. If you saturate the color by 10%, you get **567029**, and if you desaturate by 10%, it is **5E703F**.

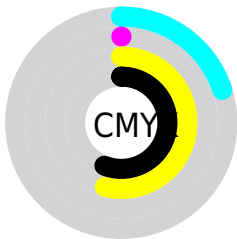
Distribution



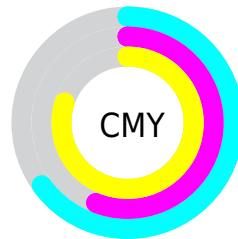
- Red (35%)
- Green (44%)
- Blue (20%)



- Red (20%)
- Yellow (44%)
- Blue (29%)



- Cyan (20%)
- Magenta (0%)
- Yellow (54%)
- Black (56%)



- Cyan (65%)
- Magenta (56%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A7034 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 5A7034 by changing the saturation by 10% instead.

 5A7034

 5A7034

FFFFFF

 42581D

 8DA464

 2A4005

 A8BF7E

 142A00

 C4DB98

 001700

 E0F7B3

 000000

 FDFFCF

 FFFFEB

 5A7034

 5A7034

 567029

 5E703F

■ 52701E

■ 62704A

■ 4E7012

■ 667056

■ 4A7007

■ 6A7061

■ 477000

■ 6F706C

■ 737077

■ 777082

■ 7B708E

■ 7F7099

Harmonies

Analogous

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



78682B



5A7034



33754B

Triad

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



5A7034



00739C



9F4F68

Complementary

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



5A7034



4A3470

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.



8F5585



5A7034



366BA4

Square

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



5A7034



007787



6D609B



9F534B

Rectangle

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



5A7034



00775F



6D609B



9B5072

Sweetspot

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



5A7034



89917A



704A34



454A3C



C9C9C9



4A4A4A

Same Dimension

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



5A7034



6F9134



3C7034



363832



4C7800



9DF700

Inverse Universe

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



4A3470



563491



683470



353238



2C0078



5B00F7

Previews

White Background



This preview shows how the Hex color 5A7034 looks on a white background.

Color Contrast Check

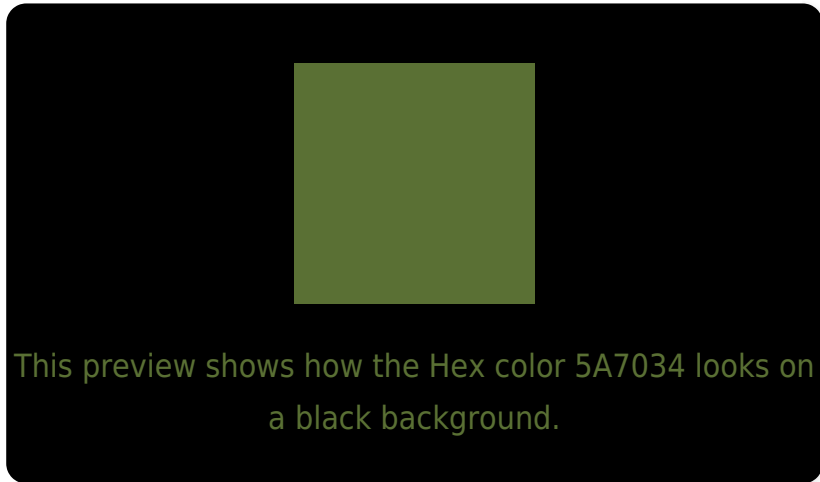
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

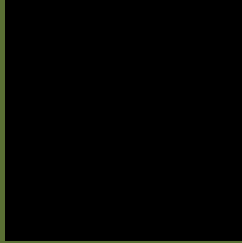
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

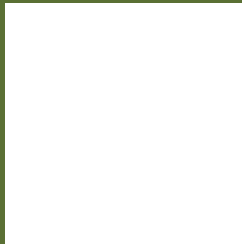
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 5A7034 Background



This preview shows how black text looks on a background with the Hex color 5A7034.



This preview shows how white text looks on a background with the Hex color 5A7034.

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
5A7034

Protanopia
746932

Deuteranopia
806337



Tritanopia
626972

Trichromacy



Original Color
5A7034

Protanomaly
6B6C33

Deuteranomaly
726836

Tritanomaly
5F6C5B

Monochromacy



Original Color
5A7034

Achromatopsia
636363

Achromatomaly
606852

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A7034 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 #5A7034 looks like.

```
.text, #text, p{  
    color:#5A7034  
}
```

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 #5A7034 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A7034
}
```

Border

The CSS property to change the border of an element to Hex 5A7034 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
#5A7034 }
```

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

```
.border{ border-color:#5A7034 }
```

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

Here you see how a box with a 4 pixel #5A7034 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A7034; -webkit-box-shadow:4px 4px  
4px 4px #5A7034; box-shadow:4px 4px 4px  
4px #5A7034 }
```

Background

The CSS property to change the background color of an element to Hex 5A7034 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A7034 }
```

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

```
.background{ background-color:#5A7034 }
```

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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