

Converting Colors

Hex(5A4106)

Have a look what the booklet for
Hex(5A4106) contains.

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Color

Hex(5A4106)

Conversions

Conversions Part 1

Format	Color
Hex	5A4106
RGB	90, 65, 6
RGB Percent	35%, 25%, 2%
CMY	0.6471, 0.7451, 0.9765
CMYK	0.00, 0.28, 0.93, 0.65
HSL	42°, 88%, 19%
HSV	42°, 93%, 35%
XYZ	6.1396, 5.9674, 1.0005
YIQ	65.7490, 33.8390, -13.0490

Conversions

Conversions Part 2

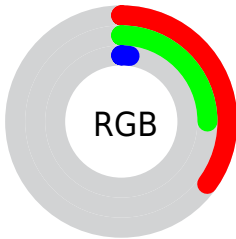
Format	Color
RYB	42, 90, 6
Decimal	5914886
CIELab	29.33, 5.23, 36.26
CIELCh	29, 36.640, 81.793
Yxy	5.9674, 0.4684, 0.4553
Android (android.graphics.Color)	4284104966 (0xFF5A4106)
YUV	65.7490, -29.4563, 21.2681
Hunter-Lab	24.4283, 2.1134, 14.6714

Details

The Hex color **5A4106** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **061F5A**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **8F7137**, and **281700** is the 20% darker color. If you saturate the color by 10%, you get **5A3F00**, and if you desaturate by 10%, it is **5A440F**.

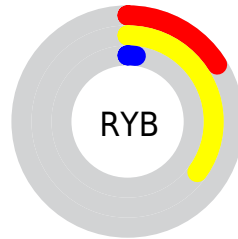
Distribution



Red (35%)

Green (25%)

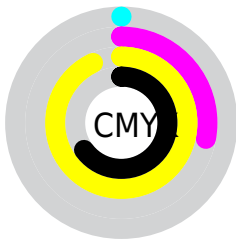
Blue (2%)



Red (16%)

Yellow (35%)

Blue (2%)

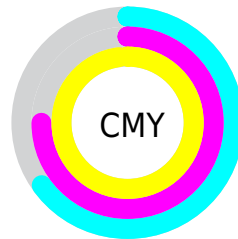


Cyan (0%)

Magenta (28%)

Yellow (93%)

Black (65%)



Cyan (65%)

Magenta (75%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A4106 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 5A4106 by changing the saturation by 10% instead.

 5A4106

 5A4106

 FFFFEF

 412B00

 8F7137

 281700

 AB8A4F

 060000

 C8A467

 000000

 E5BF81

 FFDB9B

 FFF7B7

 FFFFD3

 5A4106

 5A4106

■ 5A3F00

■ 5A440F

■ 5A4618

■ 5A4921

■ 5A4C2A

■ 5A4E33

■ 5A513C

■ 5A5445

■ 5A564E

■ 5A5957

Harmonies

Analogous

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



6E3519



5A4106



3F4A09

Triad

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



5A4106



005259



603469

Complementary

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



5A4106



061F5A

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.



36417A



5A4106



005071

Square

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



5A4106



00523C



004B7D



742A4E

Rectangle

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



5A4106



294E17



004B7D



553970

Sweetspot

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



5A4106



756C54



5A061F



3B3527



BABABA



3B3B3B

Same Dimension

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



5A4106



755200



495A06



2E2D29



6E4D00



EDA700

Inverse Universe

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



061F5A



002375



17065A



292B2E



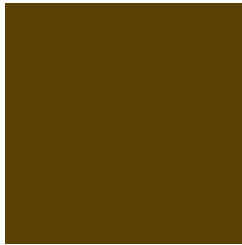
00216E



0047ED

Previews

White Background



This preview shows how the Hex color 5A4106 looks on a white background.

Color Contrast Check

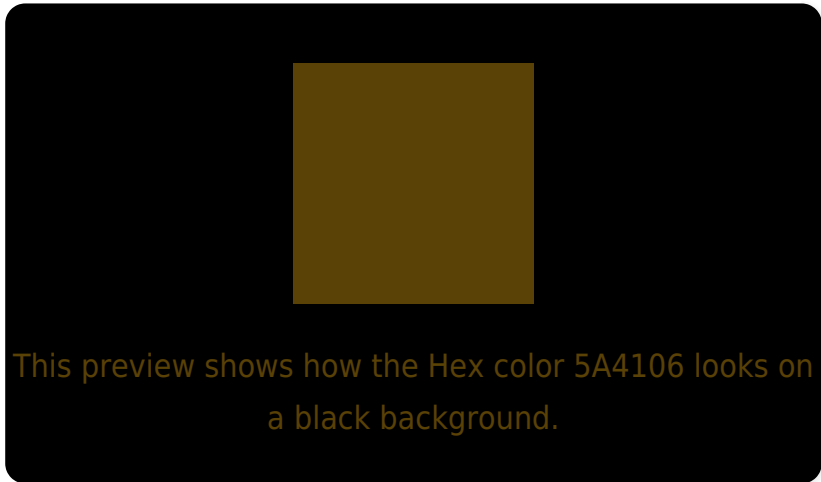
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

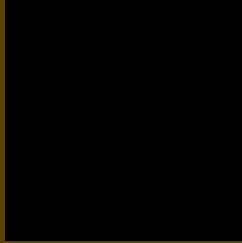
Any Text WCAG AA × Fail

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 5A4106 Background



This preview shows how black text looks on a background with the Hex color 5A4106.



This preview shows how white text looks on a background with the Hex color 5A4106.

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
5A4106

Protanopia
4E4608

Deuteranopia
584204



Tritanopia
5D3C41

Trichromacy



Original Color

5A4106

Protanomaly

524407

Deuteranomaly

594205

Tritanomaly

5C3E2C

Monochromacy



Original Color

5A4106

Achromatopsia

424242

Achromatomaly

4B422C

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A4106 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 #5A4106 looks like.

```
.text, #text, p{  
    color:#5A4106  
}
```

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 #5A4106 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A4106
}
```

Border

The CSS property to change the border of an element to Hex 5A4106 is called "border". The border property can be set on classes, ids or directly on the HTML element.

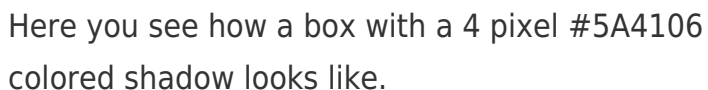
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5A4106 }
```

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

```
.border{ border-color:#5A4106 }
```

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



Here you see how a box with a 4 pixel #5A4106 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A4106; -webkit-box-shadow:4px 4px  
4px 4px #5A4106; box-shadow:4px 4px 4px  
4px #5A4106 }
```

Background

The CSS property to change the background color of an element to Hex 5A4106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A4106 }
```

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

```
.background{ background-color:#5A4106 }
```

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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