

# Converting Colors

Hex(5A4328)

Have a look what the booklet for  
Hex(5A4328) contains.

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**Color**

**Hex(5A4328)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5A4328
RGB	90, 67, 40
RGB Percent	35%, 26%, 16%
CMY	0.6471, 0.7373, 0.8431
CMYK	0.00, 0.26, 0.56, 0.65
HSL	32°, 38%, 25%
HSV	32°, 56%, 35%
XYZ	6.6066, 6.3412, 2.8832
YIQ	70.7990, 22.3750, -3.5210

# Conversions

## Conversions Part 2

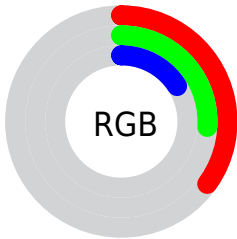
<b>Format</b>	<b>Color</b>
<b>RYB</b>	83, 90, 40
Decimal	5915432
CIELab	30.26, 6.20, 20.14
CIElCh	30, 21.073, 72.901
Yxy	6.3412, 0.4173, 0.4006
Android (android.graphics.Color)	4284105512 (0xFF5A4328)
YUV	70.7990, -15.1839, 16.8393
Hunter-Lab	25.1817, 2.7629, 10.8386

# Details

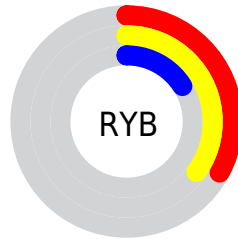
The Hex color **5A4328** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **283F5A**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **8E7356**, and **2B1800** is the 20% darker color. If you saturate the color by 10%, you get **5A3F1F**, and if you desaturate by 10%, it is **5A4731**.

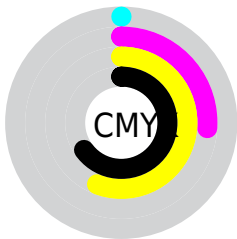
# Distribution



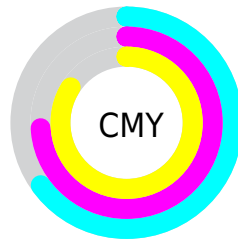
- Red (35%)
- Green (26%)
- Blue (16%)



- Red (33%)
- Yellow (35%)
- Blue (16%)



- Cyan (0%)
- Magenta (26%)
- Yellow (56%)
- Black (65%)



- Cyan (65%)
- Magenta (74%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5A4328 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 5A4328 by changing the saturation by 10% instead.



 5A4328

 5A4328

FFFFFF

 412D13

 8E7356

 2B1800

 A98C6E

 100000

 C4A788

 000000

 E1C2A2

 FEDEBD

 FFFAD9

 FFFFF5

 5A4328

 5A4328

■ 5A3F1F

■ 5A4731

■ 5A3B16

■ 5A4B3A

■ 5A370D

■ 5A4F43

■ 5A3204

■ 5A544C

■ 5A3100

■ 5A5855

■ 5A5C5E

■ 5A6067

■ 5A6470

■ 5A6879

# Harmonies

## Analogous

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



643E32



5A4328



4B4927

# Triad

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



5A4328



09504E



52405F

# Complementary

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



5A4328



283F5A

# 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.



3B4667



5A4328



004F5D

# Square

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



5A4328



244F3D



1D4C66



613C51

# Rectangle

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



5A4328



3F4C2B



1D4C66



4B4263



# Sweetspot

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



5A4328



756C61



5A283F



3B352F



BABABA



3B3B3B



# Same Dimension

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



5A4328



755127



585A28



2E2C29



6E3B00



ED8000



# Inverse Universe

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



283F5A



274B75



2A285A



292B2E



00326E



006DED



# Previews

## White Background



This preview shows how the Hex color 5A4328 looks on a white background.

## Color Contrast Check

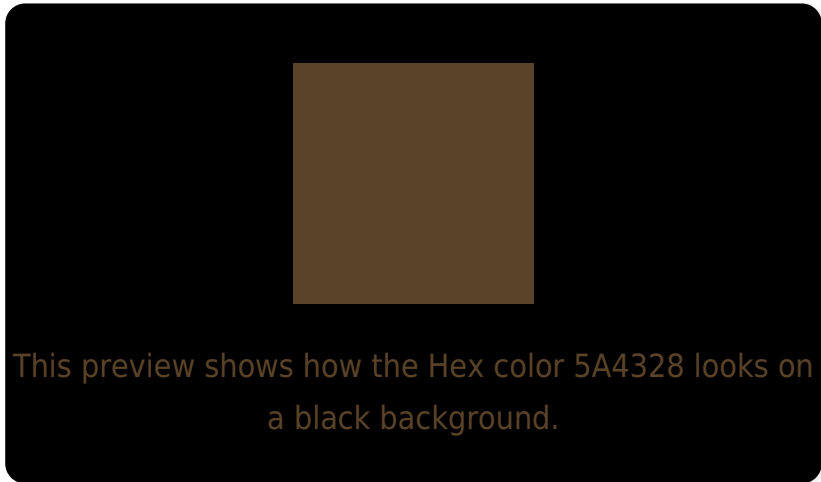
Large Text (above 18pt) WCAG AA ✓ Pass

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

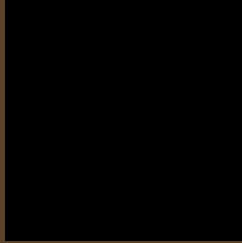
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5A4328 Background



This preview shows how black text looks on a background with the Hex color 5A4328.



This preview shows how white text looks on a background with the Hex color 5A4328.

# 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**  
5A4328

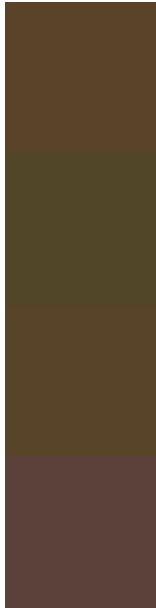
**Protanopia**  
4E482A

**Deuteranopia**  
574428



**Tritanopia**  
5C4044

# Trichromacy



**Original Color**  
5A4328

**Protanomaly**  
524629

**Deuteranomaly**  
584428

**Tritanomaly**  
5B413A

# Monochromacy



**Original Color**  
5A4328

**Achromatopsia**  
474747

**Achromatomaly**  
4E463C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5A4328 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 #5A4328 looks like.

```
.text, #text, p{  
    color:#5A4328  
}
```

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 #5A4328 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A4328
}
```

## Border

The CSS property to change the border of an element to Hex 5A4328 is called "border". The border property can be set on classes, ids or directly on the HTML element.

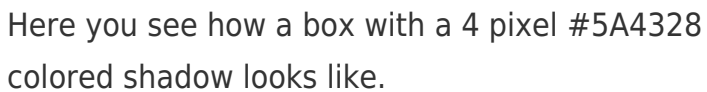
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5A4328 }
```

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

```
.border{ border-color:#5A4328 }
```

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



Here you see how a box with a 4 pixel #5A4328 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A4328; -webkit-box-shadow:4px 4px  
4px 4px #5A4328; box-shadow:4px 4px 4px  
4px #5A4328 }
```

# Background

The CSS property to change the background color of an element to Hex 5A4328 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A4328 }
```

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

```
.background{ background-color:#5A4328 }
```

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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