

# Converting Colors

Hex(5A5024)

Have a look what the booklet for  
Hex(5A5024) contains.

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**Color**

**Hex(5A5024)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5A5024
RGB	90, 80, 36
RGB Percent	35%, 31%, 14%
CMY	0.6471, 0.6863, 0.8588
CMYK	0.00, 0.11, 0.60, 0.65
HSL	49°, 43%, 25%
HSV	49°, 60%, 35%
XYZ	7.4035, 8.0384, 2.8304
YIQ	77.9740, 20.0840, -11.5640

# Conversions

## Conversions Part 2

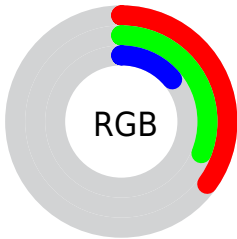
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	48, 90, 36
Decimal	5918756
CIE Lab	34.06, -2.25, 27.07
CIE LCh	34, 27.162, 94.755
Yxy	8.0384, 0.4052, 0.4399
Android (android.graphics.Color)	4284108836 (0xFF5A5024)
YUV	77.9740, -20.6932, 10.5468
Hunter-Lab	28.3520, -3.0043, 13.9274

# Details

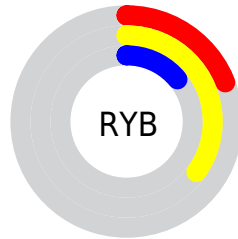
The Hex color **5A5024** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **242E5A**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **8E8152**, and **2B2400** is the 20% darker color. If you saturate the color by 10%, you get **5A4E1B**, and if you desaturate by 10%, it is **5A522D**.

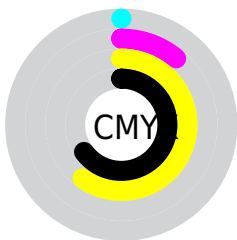
# Distribution



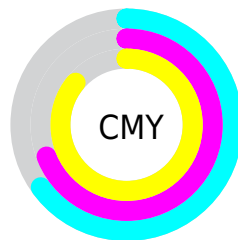
- Red (35%)
- Green (31%)
- Blue (14%)



- Red (19%)
- Yellow (35%)
- Blue (14%)



- Cyan (0%)
- Magenta (11%)
- Yellow (60%)
- Black (65%)



- Cyan (65%)
- Magenta (69%)
- Yellow (86%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5A5024 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 5A5024 by changing the saturation by 10% instead.



 5A5024

 5A5024

FFFFFF

 41390E

 8E8152

 2B2400

 A99B6B

 100F00

 C4B684

 000000

 E1D19F

 FEEEB A

 FFFFD6

 FFFFF2

 5A5024

 5A5024

■ 5A4E1B

■ 5A522D

■ 5A4D12

■ 5A5336

■ 5A4B09

■ 5A553F

■ 5A4900

■ 5A5748

■ 5A5851

■ 5A5A5A

■ 5A5C63

■ 5A5D6C

■ 5A5F75

# Harmonies

## Analogous

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



6C4829



5A5024



43562C

# Triad

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



5A5024



005A68



6E4263

# Complementary

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



5A5024



242E5A

# 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.



574974



5A5024



005777

# Square

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



5A5024



005B53



33517B



783E4D

# Rectangle

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



5A5024



325936



33517B



674469



# Sweetspot

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



5A5024



757160



5A242F



3B382E



BABABA



3B3B3B



# Same Dimension

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



5A5024



756621



4A5A24



2E2D29



6E5900



EDC100



# Inverse Universe

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



242E5A



213075



34245A



292A2E



00146E

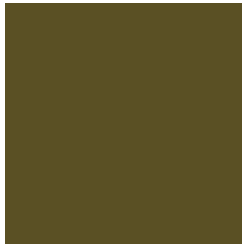


002CED



# Previews

## White Background



This preview shows how the Hex color 5A5024 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

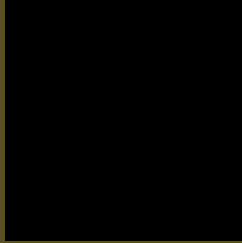
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5A5024 Background



This preview shows how black text looks on a background with the Hex color 5A5024.



This preview shows how white text looks on a background with the Hex color 5A5024.

# 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](#).

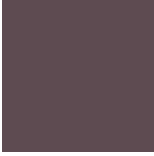
## Dichromacy



**Original Color**  
5A5024

**Protanopia**  
595024

**Deuteranopia**  
634C25



**Tritanopia**  
5E4B51

# Trichromacy



**Original Color**  
5A5024

**Protanomaly**  
595024

**Deuteranomaly**  
604D25

**Tritanomaly**  
5D4D41

# Monochromacy



**Original Color**  
5A5024

**Achromatopsia**  
4E4E4E

**Achromatomaly**  
524F3F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5A5024 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 #5A5024 looks like.

```
.text, #text, p{  
    color:#5A5024  
}
```

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 #5A5024 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A5024
}
```

## Border

The CSS property to change the border of an element to Hex 5A5024 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
#5A5024 }
```

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

```
.border{ border-color:#5A5024 }
```

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

Here you see how a box with a 4 pixel #5A5024 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A5024; -webkit-box-shadow:4px 4px  
4px 4px #5A5024; box-shadow:4px 4px 4px  
4px #5A5024 }
```

# Background

The CSS property to change the background color of an element to Hex 5A5024 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A5024 }
```

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

```
.background{ background-color:#5A5024 }
```

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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