

# Converting Colors

Hex(5F4924)

Have a look what the booklet for  
Hex(5F4924) contains.

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# Color

**Hex(5F4924)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5F4924
RGB	95, 73, 36
RGB Percent	37%, 29%, 14%
CMY	0.6275, 0.7137, 0.8588
CMYK	0.00, 0.23, 0.62, 0.63
HSL	38°, 45%, 26%
HSV	38°, 62%, 37%
XYZ	7.4203, 7.3254, 2.6919
YIQ	75.3600, 24.9890, -6.8430

# Conversions

## Conversions Part 2

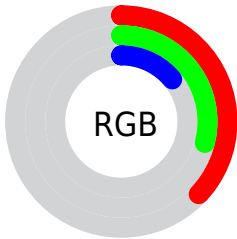
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	71, 95, 36
Decimal	6244644
CIE Lab	32.54, 4.49, 25.42
CIE LCh	33, 25.813, 79.987
Yxy	7.3254, 0.4255, 0.4201
Android (android.graphics.Color)	4284434724 (0xFF5F4924)
YUV	75.3600, -19.4045, 17.2243
Hunter-Lab	27.0654, 1.5734, 13.0488

# Details

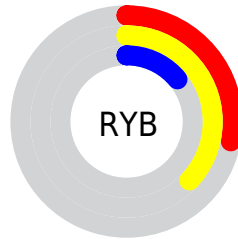
The Hex color **5F4924** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **243A5F**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **937952**, and **2F1E00** is the 20% darker color. If you saturate the color by 10%, you get **5F451A**, and if you desaturate by 10%, it is **5F4D2D**.

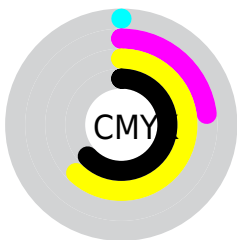
# Distribution



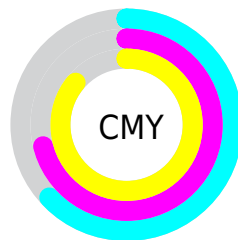
- Red (37%)
- Green (29%)
- Blue (14%)



- Red (28%)
- Yellow (37%)
- Blue (14%)



- Cyan (0%)
- Magenta (23%)
- Yellow (62%)
- Black (63%)



- Cyan (63%)
- Magenta (71%)
- Yellow (86%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5F4924 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 5F4924 by changing the saturation by 10% instead.





5F4924



5F4924

FFFFFF



46330E



937952



2F1E00



AF936A



160500



CBAE84



000000



E7C99E



FFE5B9



FFFFD5



FFFFF1



5F4924



5F4924

■ 5F451A

■ 5F4D2D

■ 5F4211

■ 5F5037

■ 5F3E08

■ 5F5441

■ 5F3C00

■ 5F574A

■ 5F5B54

■ 5F5E5D

■ 5F6267

■ 5F6570

■ 5F697A

# Harmonies

## Analogous

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



6D422E



5F4924



4C5025

# Triad

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



5F4924



00575A



5F4267

# Complementary

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



5F4924



243A5F

# 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.



444A73



5F4924



00556B

# Square

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



5F4924



135745



1B5174



6F3D54

# Rectangle

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



5F4924



3C532C



1B5174



57456C



# Sweetspot

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



5F4924



7A7263



5F243B



3D382F



BDBDBD



3D3D3D



# Same Dimension

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



5F4924



7A581F



585F24



302F2C



704600



F09600



# Inverse Universe

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



243A5F



1F417A



2B245F



2C2D30



002A70



0059F0



# Previews

## White Background



This preview shows how the Hex color 5F4924 looks on a white background.

## Color Contrast Check

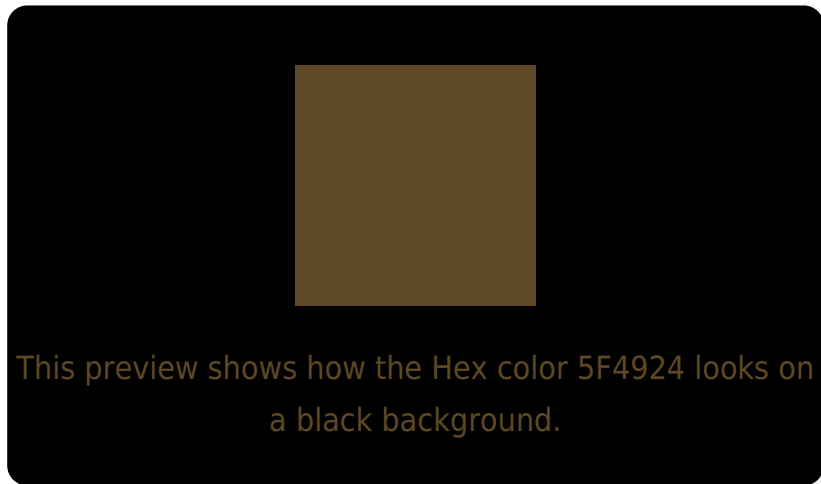
Large Text (above 18pt) WCAG AA ✓ Pass

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

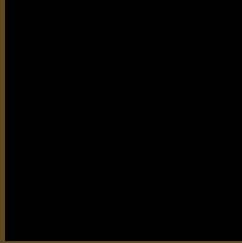
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5F4924 Background



This preview shows how black text looks on a background with the Hex color 5F4924.



This preview shows how white text looks on a background with the Hex color 5F4924.

# 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**  
5F4924

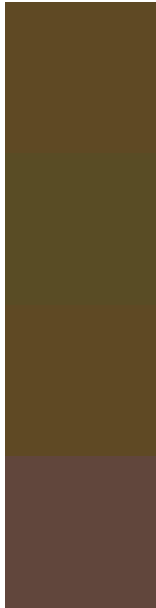
**Protanopia**  
554D25

**Deuteranopia**  
5F4924



**Tritanopia**  
62454A

# Trichromacy



**Original Color**  
5F4924

**Protanomaly**  
594C25

**Deuteranomaly**  
5F4924

**Tritanomaly**  
61463C

# Monochromacy



**Original Color**  
5F4924

**Achromatopsia**  
4B4B4B

**Achromatomaly**  
524A3D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5F4924 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 #5F4924 looks like.

```
.text, #text, p{  
    color:#5F4924  
}
```

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 #5F4924 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F4924
}
```

## Border

The CSS property to change the border of an element to Hex 5F4924 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".

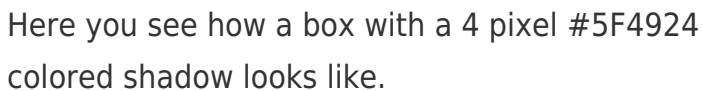
```
.border, #border, table{ border:4px solid
#5F4924 }
```

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

```
.border{ border-color:#5F4924 }
```

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

Here you see how a box with a 4 pixel #5F4924 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F4924; -webkit-box-shadow:4px 4px  
4px 4px #5F4924; box-shadow:4px 4px 4px  
4px #5F4924 }
```

# Background

The CSS property to change the background color of an element to Hex 5F4924 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F4924 }
```

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

```
.background{ background-color:#5F4924 }
```

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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