

# Converting Colors

Hex(5E4920)

Have a look what the booklet for  
Hex(5E4920) contains.

<b>Hex(5E4920)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(5E4920)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5E4920
RGB	94, 73, 32
RGB Percent	37%, 29%, 13%
CMY	0.6314, 0.7137, 0.8745
CMYK	0.00, 0.22, 0.66, 0.63
HSL	40°, 49%, 25%
HSV	40°, 66%, 37%
XYZ	7.2593, 7.2491, 2.3831
YIQ	74.6050, 25.6770, -8.2990

# Conversions

## Conversions Part 2

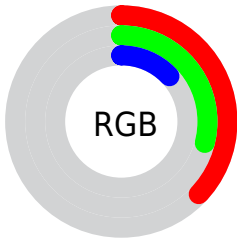
<b>Format</b>	<b>Color</b>
<b>RYB</b>	64, 94, 32
Decimal	6179104
CIELab	32.37, 3.66, 27.45
CIElCh	32, 27.690, 82.404
Yxy	7.2491, 0.4298, 0.4292
Android (android.graphics.Color)	4284369184 (0xFF5E4920)
YUV	74.6050, -21.0043, 17.0094
Hunter-Lab	26.9241, 1.0106, 13.5990

# Details

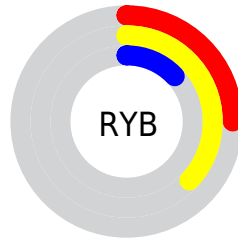
The Hex color **5E4920** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **20355E**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **92794E**, and **2D1E00** is the 20% darker color. If you saturate the color by 10%, you get **5E4617**, and if you desaturate by 10%, it is **5E4C29**.

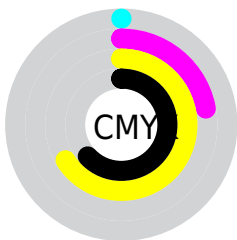
# Distribution



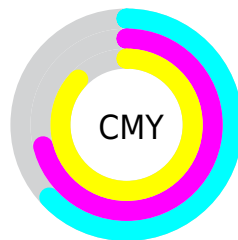
- Red (37%)
- Green (29%)
- Blue (13%)



- Red (25%)
- Yellow (37%)
- Blue (13%)



- Cyan (0%)
- Magenta (22%)
- Yellow (66%)
- Black (63%)



- Cyan (63%)
- Magenta (71%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5E4920 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 5E4920 by changing the saturation by 10% instead.



 5E4920

 5E4920

FFFFFF

 453309

 92794E

 2D1E00

 AE9366

 140500

 CAAE80

 000000

 E6C99A

 FFE5B5

 FFFFD0

 FFFFED

 5E4920

 5E4920

■ 5E4617

■ 5E4C29

■ 5E430D

■ 5E4F33

■ 5E3F04

■ 5E533C

■ 5E3E00

■ 5E5646

■ 5E594F

■ 5E5C58

■ 5E5F62

■ 5E626B

■ 5E6675

# Harmonies

## Analogous

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



6E412A



5E4920



495022

# Triad

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



5E4920



00575C



624067

# Complementary

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



5E4920



20355E

# 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.



454974



5E4920



00556E

# Square

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



5E4920



015746



165077



723A53

# Rectangle

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



5E4920



38532B



165077



5A436C

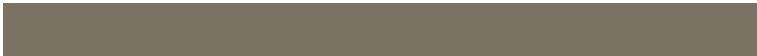


# Sweetspot

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



5E4920



7A7262



5E2036



3D382F



BDBDBD



3D3D3D



# Same Dimension

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



5E4920



7A5A1A



555E20



2E2C29



6E4900



ED9D00



# Inverse Universe

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



20355E



1A3A7A



29205E



292B2E



00256E



0050ED



# Previews

## White Background



This preview shows how the Hex color 5E4920 looks on a white background.

## Color Contrast Check

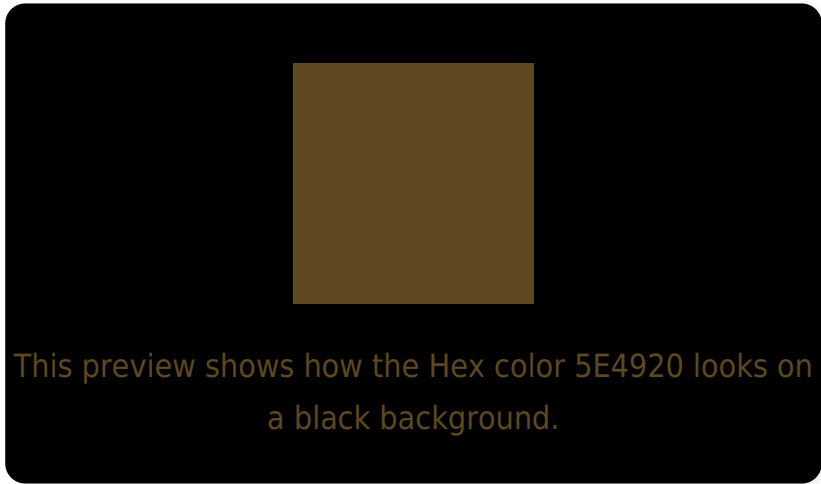
Large Text (above 18pt) WCAG AA ✓ Pass

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

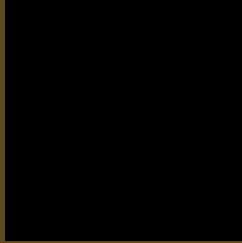
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5E4920 Background



This preview shows how black text looks on a background with the Hex color 5E4920.



This preview shows how white text looks on a background with the Hex color 5E4920.

# 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**  
5E4920

**Protanopia**  
554D21

**Deuteranopia**  
5F4920



**Tritanopia**  
61454A

# Trichromacy



**Original Color**  
5E4920

**Protanomaly**  
584C21

**Deuteranomaly**  
5F4920

**Tritanomaly**  
60463B

# Monochromacy



**Original Color**  
5E4920

**Achromatopsia**  
4B4B4B

**Achromatomaly**  
524A3B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5E4920 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 #5E4920 looks like.

```
.text, #text, p{  
    color:#5E4920  
}
```

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 #5E4920 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E4920
}
```

## Border

The CSS property to change the border of an element to Hex 5E4920 is called "border". The border property can be set on classes, ids or directly on the HTML element.

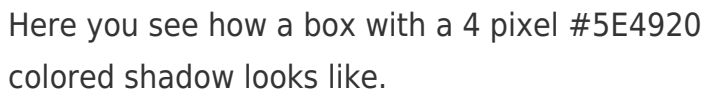
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5E4920 }
```

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

```
.border{ border-color:#5E4920 }
```

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



Here you see how a box with a 4 pixel #5E4920 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E4920; -webkit-box-shadow:4px 4px  
4px 4px #5E4920; box-shadow:4px 4px 4px  
4px #5E4920 }
```

# Background

The CSS property to change the background color of an element to Hex 5E4920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E4920 }
```

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

```
.background{ background-color:#5E4920 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor