

# Converting Colors

Hex(964524)

Have a look what the booklet for  
Hex(964524) contains.

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**Color**

**Hex(964524)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	964524
RGB	150, 69, 36
RGB Percent	59%, 27%, 14%
CMY	0.4118, 0.7294, 0.8588
CMYK	0.00, 0.54, 0.76, 0.41
HSL	17°, 61%, 36%
HSV	17°, 76%, 59%
XYZ	15.0242, 10.8676, 2.9749
YIQ	89.4570, 58.8690, 6.9090

# Conversions

## Conversions Part 2

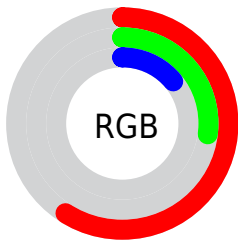
<b>Format</b>	<b>Color</b>
<b>RYB</b>	150, 82, 36
Decimal	9848100
CIELab	39.36, 31.74, 35.21
CIELCh	39, 47.401, 47.963
Yxy	10.8676, 0.5205, 0.3765
Android (android.graphics.Color)	4288038180 (0xFF964524)
YUV	89.4570, -26.3543, 53.0962
Hunter-Lab	32.9661, 23.6603, 17.7259

# Details

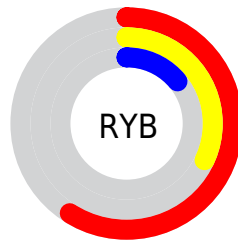
The Hex color **964524** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **247596**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **D17753**, and **5D1400** is the 20% darker color. If you saturate the color by 10%, you get **963A15**, and if you desaturate by 10%, it is **965033**.

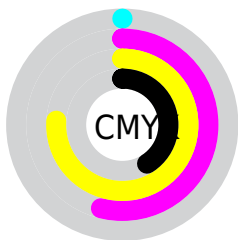
# Distribution



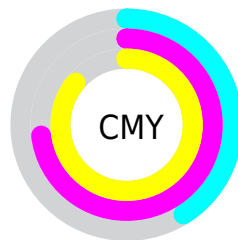
- Red (59%)
- Green (27%)
- Blue (14%)



- Red (59%)
- Yellow (32%)
- Blue (14%)



- Cyan (0%)
- Magenta (54%)
- Yellow (76%)
- Black (41%)



- Cyan (41%)
- Magenta (73%)
- Yellow (86%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 964524 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 964524 by changing the saturation by 10% instead.



 964524

 964524

FFFFFF

 792D0E

 D17753

 5D1400

 EF916B

 410000

 FFAC85

 2A0001

 FFC89F

 000000

 FFE4BA

 FFFFD6

 FFFFF3

 964524

 964524

■ 963A15

■ 965033

■ 963006

■ 965A42

■ 962B00

■ 966551

■ 967060

■ 967A6F

■ 96857E

■ 96908D

■ 969A9C

■ 96A5AB

# Harmonies

## Analogous

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



A23747



964524



7C5504

# Triad

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



964524



006E4B



3C59A7

# Complementary

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



964524



247596

# 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.



0066A8



964524



006F73

# Square

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



964524



2A6A25



006C95



7B4891

# Rectangle

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



964524



665E00



006C95



015EAA



# Sweetspot

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



964524



C2A295



962476



614E46



E0E0E0



616161



# Same Dimension

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



964524



C24411



967D24



4A4543



8A2800



0A0300



# Inverse Universe

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



247596



118FC2



243D96



43484A



00628A



00070A



# Previews

## White Background



This preview shows how the Hex color 964524 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 × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 964524 Background



This preview shows how black text looks on a background with the Hex color 964524.



This preview shows how white text looks on a background with the Hex color 964524.

# 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**  
964524

**Protanopia**  
685E2B

**Deuteranopia**  
75591F

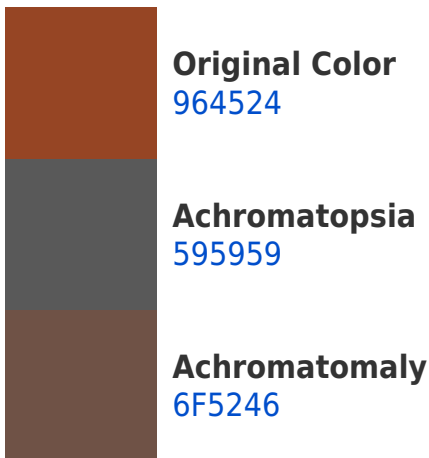


**Tritanopia**  
974146

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 964524 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 #964524 looks like.

```
.text, #text, p{  
    color:#964524  
}
```

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 #964524 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #964524
}
```

## Border

The CSS property to change the border of an element to Hex 964524 is called "border". The border property can be set on classes, ids or directly on the HTML element.

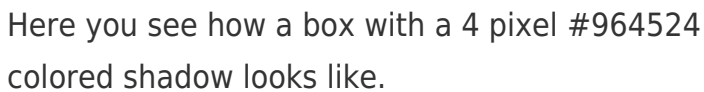
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#964524 }
```

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

```
.border{ border-color:#964524 }
```

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



Here you see how a box with a 4 pixel #964524 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #964524; -webkit-box-shadow:4px 4px  
4px 4px #964524; box-shadow:4px 4px 4px  
4px #964524 }
```

# Background

The CSS property to change the background color of an element to Hex 964524 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#964524 }
```

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

```
.background{ background-color:#964524 }
```

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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