

# Converting Colors

Hex(964214)

Have a look what the booklet for  
Hex(964214) contains.

<b>Hex(964214)</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(964214)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	964214
RGB	150, 66, 20
RGB Percent	59%, 26%, 8%
CMY	0.4118, 0.7412, 0.9216
CMYK	0.00, 0.56, 0.87, 0.41
HSL	21°, 76%, 33%
HSV	21°, 87%, 59%
XYZ	14.6522, 10.4310, 1.9029
YIQ	85.8720, 64.8300, 3.5020

# Conversions

## Conversions Part 2

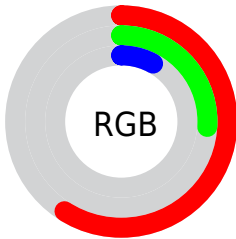
Format	Color
<a href="#">RYB</a>	<a href="#">150, 91, 20</a>
Decimal	<a href="#">9847316</a>
CIELab	<a href="#">38.61, 32.73, 42.24</a>
CIELCh	<a href="#">39, 53.440, 52.232</a>
Yxy	<a href="#">10.4310, 0.5430, 0.3865</a>
Android (android.graphics.Color)	<a href="#">4288037396</a> ( <a href="#">0xFF964214</a> )
YUV	<a href="#">85.8720, -32.4749, 56.2403</a>
Hunter-Lab	<a href="#">32.2970, 24.4602, 19.1145</a>

# Details

The Hex color **964214** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **146896**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **D27444**, and **5C1100** is the 20% darker color. If you saturate the color by 10%, you get **963805**, and if you desaturate by 10%, it is **964C23**.

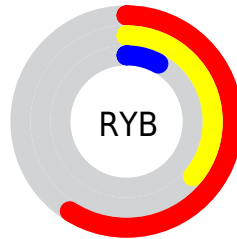
# Distribution



Red (59%)

Green (26%)

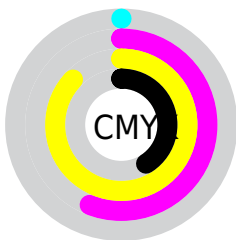
Blue (8%)



Red (59%)

Yellow (36%)

Blue (8%)

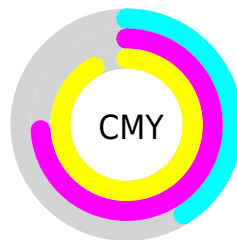


Cyan (0%)

Magenta (56%)

Yellow (87%)

Black (41%)



Cyan (41%)

Magenta (74%)

Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 964214 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 964214 by changing the saturation by 10% instead.



 964214

 964214

FFFFFF

 792A00

 D27444

 5C1100

 F08E5C

 400000

 FFA976

 280001

 FFC590

 000000

 FFE1AA

 FFFEC6

 FFFFEE

 964214

 964214

■ 963805

■ 964C23

■ 963500

■ 965532

■ 965F41

■ 966950

■ 96725F

■ 967C6E

■ 96867D

■ 96908C

■ 96999B

# Harmonies

## Analogous

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



A62E3D



964214



785500

# Triad

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



964214



006E4E



3F54AC

# Complementary

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



964214



146896

# 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.



0064B1



964214



006E7B

# Square

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



964214



056A21



006C9F



833F91

# Rectangle

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



964214



5E5F00



006C9F



005AB0



# Sweetspot

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



964214



C2A18F



961468



614D43



E0E0E0



616161



# Same Dimension

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



964214



C24500



968314



4A4543



8A3100



0A0400



# Inverse Universe

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



146896



007DC2



142796



43474A



00598A



00070A



# Previews

## White Background



This preview shows how the Hex color 964214 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

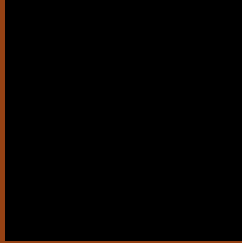
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 964214 Background



This preview shows how black text looks on a background with the Hex color 964214.



This preview shows how white text looks on a background with the Hex color 964214.

# 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**  
964214

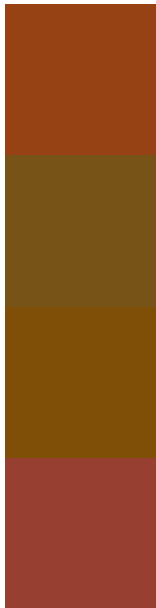
**Protanopia**  
675C1B

**Deuteranopia**  
745700



**Tritanopia**  
983E42

# Trichromacy



**Original Color**  
964214

**Protanomaly**  
785318

**Deuteranomaly**  
804F07

**Tritanomaly**  
973F31

# Monochromacy



**Original Color**  
964214

**Achromatopsia**  
565656

**Achromatomaly**  
6D4F3E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 964214 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 #964214 looks like.

```
.text, #text, p{  
    color:#964214  
}
```

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 #964214 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #964214
}
```

## Border

The CSS property to change the border of an element to Hex 964214 is called "border". The border property can be set on classes, ids or directly on the HTML element.

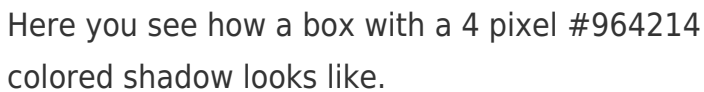
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#964214 }
```

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

```
.border{ border-color:#964214 }
```

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



Here you see how a box with a 4 pixel #964214 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #964214; -webkit-box-shadow:4px 4px  
4px 4px #964214; box-shadow:4px 4px 4px  
4px #964214 }
```

# Background

The CSS property to change the background color of an element to Hex 964214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#964214 }
```

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

```
.background{ background-color:#964214 }
```

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