

# Converting Colors

Hex(A64209)

Have a look what the booklet for  
Hex(A64209) contains.

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**Color**

**Hex(A64209)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A64209
RGB	166, 66, 9
RGB Percent	65%, 26%, 4%
CMY	0.3490, 0.7412, 0.9647
CMYK	0.00, 0.60, 0.95, 0.35
HSL	22°, 90%, 34%
HSV	22°, 95%, 65%
XYZ	17.7234, 12.0231, 1.6450
YIQ	89.4020, 77.8970, 3.4730

# Conversions

## Conversions Part 2

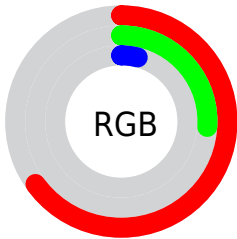
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	166, 98, 9
Decimal	10895881
CIE <sub>Lab</sub>	41.25, 38.87, 49.27
CIE <sub>LCh</sub>	41, 62.759, 51.726
Yxy	12.0231, 0.5646, 0.3830
Android (android.graphics.Color)	4289085961 (0xFFA64209)
YUV	89.4020, -39.6382, 67.1764
Hunter-Lab	34.6744, 30.5579, 21.4593

# Details

The Hex color **A64209** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **096DA6**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **E4753D**, and **6A0C00** is the 20% darker color. If you saturate the color by 10%, you get **A63C00**, and if you desaturate by 10%, it is **A64D1A**.

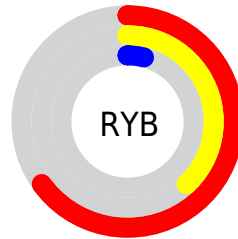
# Distribution



Red (65%)

Green (26%)

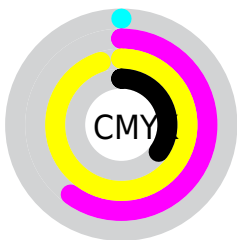
Blue (4%)



Red (65%)

Yellow (38%)

Blue (4%)

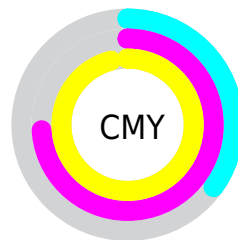


Cyan (0%)

Magenta (60%)

Yellow (95%)

Black (35%)



Cyan (35%)

Magenta (74%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A64209 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 A64209 by changing the saturation by 10% instead.



 A64209

 A64209

 FFFFFFF9

 882900

 E4753D

 6A0C00

 FF9056

 4D0000

 FFAB6F

 330001

 FFC789

 030000

 FFE3A4

 000000

 FFFFFC0

 FFFFFDC

 A64209

 A64209

 A63C00

 A64D1A

 A6572A

 A6623B

 A66C4B

 A6775C

 A6816D

 A68C7D

 A6978E

 A6A19E

# Harmonies

## Analogous

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



B9253F



A64209



825A00

# Triad

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



A64209



007751



375AC2

# Complementary

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



A64209



096DA6

# 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.



006CC8



A64209



007886

# Square

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



A64209



007319



0075B2



903FA2

# Rectangle

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



A64209



646500



0075B2



0061C7



# Sweetspot

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



A64209



D9B29C



A6096F



6E5648



EDEDED



6E6E6E



# Same Dimension

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



A64209



D94F00



A68E09



544F4C



943600



140700



# Inverse Universe

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



096DA6



008AD9



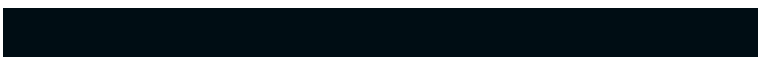
0921A6



4C5154



005E94



000D14



# Previews

## White Background



This preview shows how the Hex color A64209 looks on a white background.

## Color Contrast Check

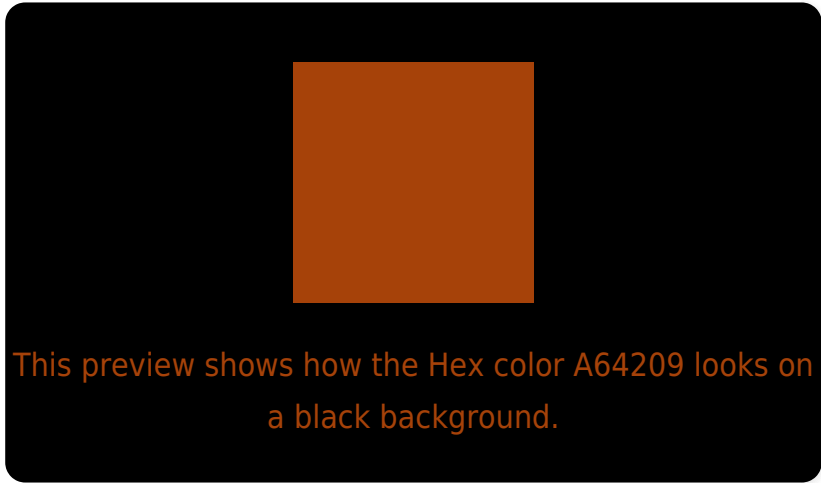
Large Text (above 18pt) WCAG AA ✓ Pass

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 A64209 Background



This preview shows how black text looks on a background with the Hex color A64209.



This preview shows how white text looks on a background with the Hex color A64209.

# 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**  
A64209

**Protanopia**  
6F6213

**Deuteranopia**  
7C5D00



**Tritanopia**  
A73D41

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A64209 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 #A64209 looks like.

```
.text, #text, p{  
    color:#A64209  
}
```

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 #A64209 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A64209
}
```

## Border

The CSS property to change the border of an element to Hex A64209 is called "border". The border property can be set on classes, ids or directly on the HTML element.

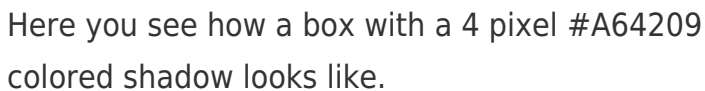
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A64209 }
```

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

```
.border{ border-color:#A64209 }
```

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



Here you see how a box with a 4 pixel #A64209 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A64209; -webkit-box-shadow:4px 4px  
4px 4px #A64209; box-shadow:4px 4px 4px  
4px #A64209 }
```

# Background

The CSS property to change the background color of an element to Hex A64209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A64209 }
```

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

```
.background{ background-color:#A64209 }
```

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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