

# Converting Colors

Hex(A64C05)

Have a look what the booklet for  
Hex(A64C05) contains.

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**Color**

**Hex(A64C05)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A64C05
RGB	166, 76, 5
RGB Percent	65%, 30%, 2%
CMY	0.3490, 0.7020, 0.9804
CMYK	0.00, 0.54, 0.97, 0.35
HSL	26°, 94%, 34%
HSV	26°, 97%, 65%
XYZ	18.3377, 13.2868, 1.7417
YIQ	94.8160, 76.4310, -3.0010

# Conversions

## Conversions Part 2

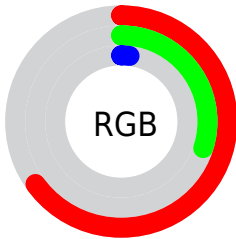
<b>Format</b>	<b>Color</b>
<b>RYB</b>	166, 132, 5
Decimal	10898437
CIELab	43.19, 33.78, 51.66
CIELCh	43, 61.725, 56.823
Yxy	13.2868, 0.5496, 0.3982
Android (android.graphics.Color)	4289088517 (0xFFA64C05)
YUV	94.8160, -44.2793, 62.4284
Hunter-Lab	36.4511, 26.0098, 22.6828

# Details

The Hex color **A64C05** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **055FA6**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **E37F3C**, and **6B1B00** is the 20% darker color. If you saturate the color by 10%, you get **A64900**, and if you desaturate by 10%, it is **A65516**.

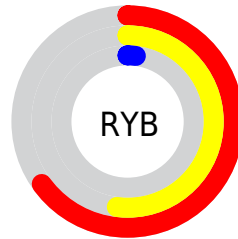
# Distribution



Red (65%)

Green (30%)

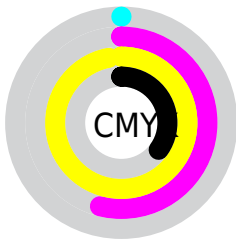
Blue (2%)



Red (65%)

Yellow (52%)

Blue (2%)

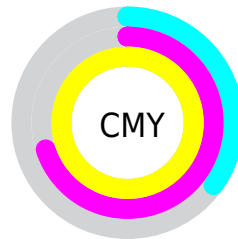


Cyan (0%)

Magenta (54%)

Yellow (97%)

Black (35%)



Cyan (35%)

Magenta (70%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A64C05 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 A64C05 by changing the saturation by 10% instead.



 A64C05

 A64C05

 FFFFF9

 883400

 E37F3C

 6B1B00

 FF9955

 4E0000

 FFB46F

 330000

 FFD089

 0B0000

 FFEDA4

 000000

 FFFFC0

 FFFFDC

 A64C05

 A64C05

■ A64900

■ A65516

■ A65F26

■ A66837

■ A67147

■ A67A58

■ A68469

■ A68D79

■ A6968A

■ A6A09A

# Harmonies

## Analogous

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



BC323B



A64C05



806200

# Triad

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



A64C05



007C5F



555BC2

# Complementary

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



A64C05



055FA6

# 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.



006ECD



A64C05



007C93

# Square

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



A64C05



007829



0079BC



9D409F

# Rectangle

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



A64C05



616C00



0079BC



1E62C9



# Sweetspot

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



A64C05



D9B69A



A60560



6E5847



EDEDED



6E6E6E



# Same Dimension

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



A64C05



D96000



A69B05



544F4C



944100



140900



# Inverse Universe

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



055FA6



0079D9



0510A6



4C5054



005394



000B14



# Previews

## White Background



This preview shows how the Hex color A64C05 looks on a white background.

## Color Contrast Check

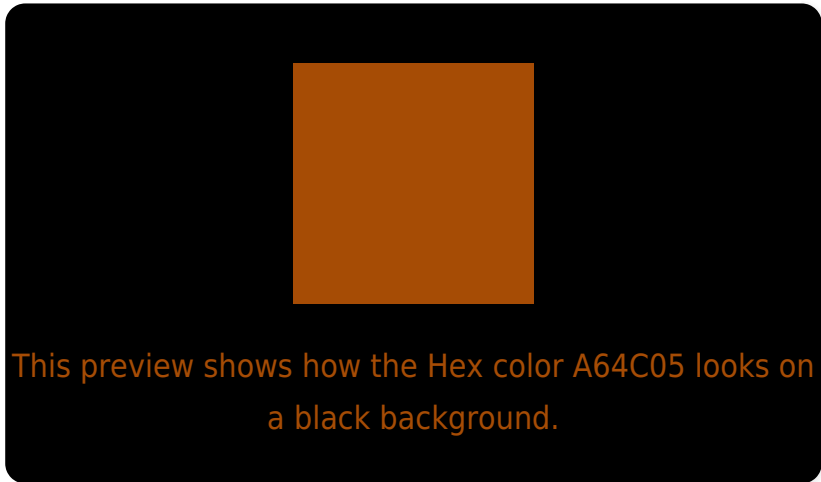
Large Text (above 18pt) WCAG AA ✓ Pass

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 A64C05 Background



This preview shows how black text looks on a background with the Hex color A64C05.



This preview shows how white text looks on a background with the Hex color A64C05.

# 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**  
A64C05

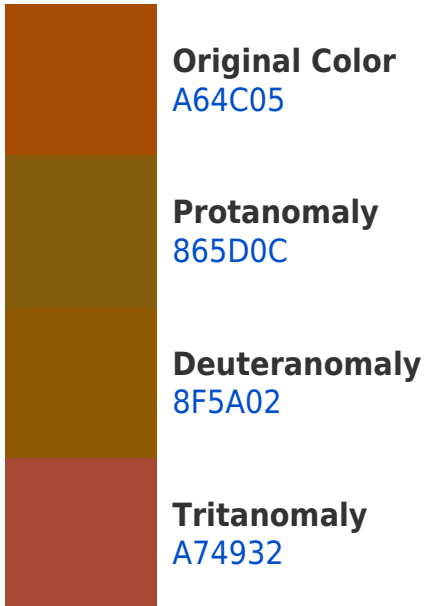
**Protanopia**  
746710

**Deuteranopia**  
826200

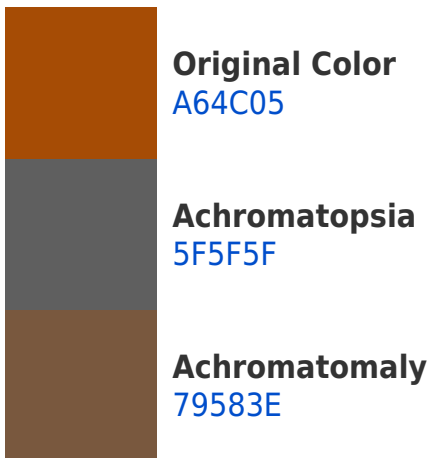


**Tritanopia**  
A8474B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A64C05 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 #A64C05 looks like.

```
.text, #text, p{  
    color:#A64C05  
}
```

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 #A64C05 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A64C05
}
```

## Border

The CSS property to change the border of an element to Hex A64C05 is called "border". The border property can be set on classes, ids or directly on the HTML element.

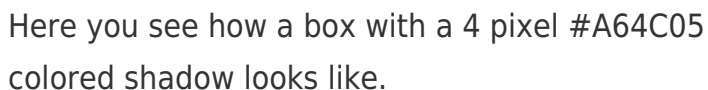
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A64C05 }
```

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

```
.border{ border-color:#A64C05 }
```

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

A rectangular box with a 4px orange shadow. The box is white with a thin orange border. The shadow is a solid orange color, 4 pixels wide and 4 pixels high, extending from the bottom and right sides of the box.

Here you see how a box with a 4 pixel #A64C05 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A64C05; -webkit-box-shadow:4px 4px  
4px 4px #A64C05; box-shadow:4px 4px 4px  
4px #A64C05 }
```

# Background

The CSS property to change the background color of an element to Hex A64C05 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A64C05 }
```

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

```
.background{ background-color:#A64C05 }
```

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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