

Converting Colors

Hex(944A05)

Have a look what the booklet for
Hex(944A05) contains.

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Color

Hex(944A05)

Conversions

Conversions Part 1

Format	Color
Hex	944A05
RGB	148, 74, 5
RGB Percent	58%, 29%, 2%
CMY	0.4196, 0.7098, 0.9804
CMYK	0.00, 0.50, 0.97, 0.42
HSL	29°, 93%, 30%
HSV	29°, 97%, 58%
XYZ	14.6889, 11.2044, 1.5321
YIQ	88.2600, 66.2530, -5.7710

Conversions

Conversions Part 2

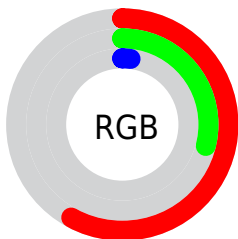
Format	Color
RYB	148, 138, 5
Decimal	9718277
CIELab	39.92, 27.27, 48.13
CIELCh	40, 55.325, 60.463
Yxy	11.2044, 0.5356, 0.4085
Android (android.graphics.Color)	4287908357 (0xFF944A05)
YUV	88.2600, -41.0472, 52.3920
Hunter-Lab	33.4730, 19.7532, 20.7174

Details

The Hex color **944A05** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **054F94**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **D07C3B**, and **5A1B00** is the 20% darker color. If you saturate the color by 10%, you get **944700**, and if you desaturate by 10%, it is **945214**.

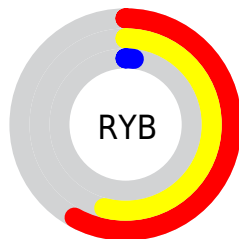
Distribution



Red (58%)

Green (29%)

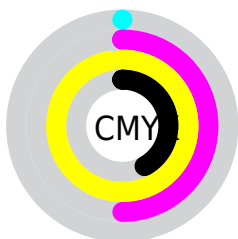
Blue (2%)



Red (58%)

Yellow (54%)

Blue (2%)

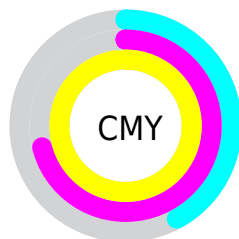


Cyan (0%)

Magenta (50%)

Yellow (97%)

Black (42%)



Cyan (42%)

Magenta (71%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 944A05 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 944A05 by changing the saturation by 10% instead.

 944A05

 944A05

 FFFFF6

 773200

 D07C3B

 5A1B00

 EE9654

 3F0400

 FFB16D

 280001

 FFCD87

 000000

 FFE9A2

 FFFFBD

 FFFFDA

 944A05

 944A05

■ 944700

■ 945214

■ 945923

■ 946131

■ 946940

■ 94704F

■ 94785E

■ 94806D

■ 94877B

■ 948F8A

Harmonies

Analogous

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



A93433



944A05



715C00

Triad

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



944A05



00725D



5B52AD

Complementary

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



944A05



054F94

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.



0064B9



944A05



00728B

Square

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



944A05



006F2E



006EAD



943A8B

Rectangle

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



944A05



556500



006EAD



3A58B3

Sweetspot

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



944A05



BFA388



940551



614F3F



E0E0E0



616161

Same Dimension

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



944A05



BF5C00



948F05



4A4643



8A4200



0A0500

Inverse Universe

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



054F94



0063BF



050A94



43464A



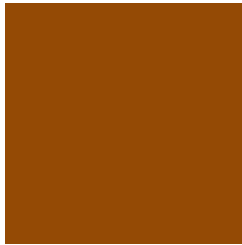
00478A



00050A

Previews

White Background



This preview shows how the Hex color 944A05 looks on a white background.

Color Contrast Check

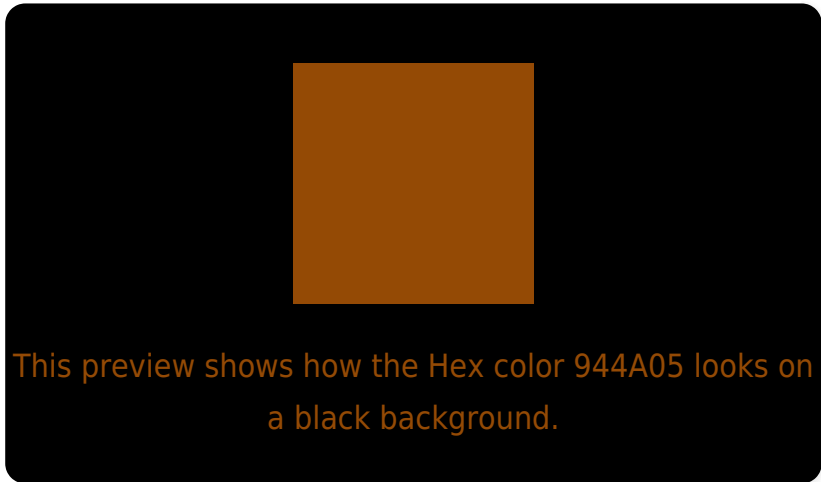
Large Text (above 18pt) WCAG AA ✓ Pass

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 944A05 Background



This preview shows how black text looks on a background with the Hex color 944A05.



This preview shows how white text looks on a background with the Hex color 944A05.

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
944A05

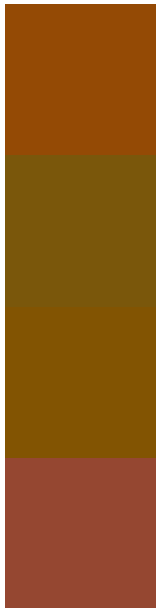
Protanopia
6B5F0E

Deuteranopia
785A00



Tritanopia
96454A

Trichromacy



Original Color
944A05

Protanomaly
7A570B

Deuteranomaly
825402

Tritanomaly
954731

Monochromacy



Original Color
944A05

Achromatopsia
585858

Achromatomaly
6E533A

CSS Examples

Text

The CSS property to change the color of the text to Hex 944A05 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 #944A05 looks like.

```
.text, #text, p{  
    color:#944A05  
}
```

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 #944A05 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #944A05
}
```

Border

The CSS property to change the border of an element to Hex 944A05 is called "border". The border property can be set on classes, ids or directly on the HTML element.

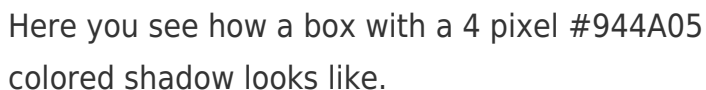
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#944A05 }
```

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

```
.border{ border-color:#944A05 }
```

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



Here you see how a box with a 4 pixel #944A05 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #944A05; -webkit-box-shadow:4px 4px  
4px 4px #944A05; box-shadow:4px 4px 4px  
4px #944A05 }
```

Background

The CSS property to change the background color of an element to Hex 944A05 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#944A05 }
```

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

```
.background{ background-color:#944A05 }
```

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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