

Converting Colors

Hex(944318)

Have a look what the booklet for
Hex(944318) contains.

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Color

Hex(944318)

Conversions

Conversions Part 1

Format	Color
Hex	944318
RGB	148, 67, 24
RGB Percent	58%, 26%, 9%
CMY	0.4196, 0.7373, 0.9059
CMYK	0.00, 0.55, 0.84, 0.42
HSL	21°, 72%, 34%
HSV	21°, 84%, 58%
XYZ	14.3848, 10.3762, 2.1088
YIQ	86.3170, 62.0790, 3.7990

Conversions

Conversions Part 2

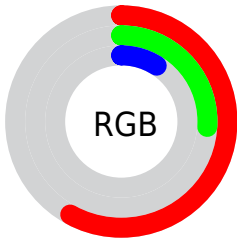
Format	Color
R _Y B	148, 90, 24
Decimal	9716504
CIE Lab	38.51, 31.50, 40.27
CIE LCh	39, 51.129, 51.966
Yxy	10.3762, 0.5354, 0.3862
Android (android.graphics.Color)	4287906584 (0xFF944318)
YUV	86.3170, -30.7223, 54.0960
Hunter-Lab	32.2120, 23.3408, 18.6670

Details

The Hex color **944318** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **186994**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **CF7547**, and **5B1200** is the 20% darker color. If you saturate the color by 10%, you get **943909**, and if you desaturate by 10%, it is **944D27**.

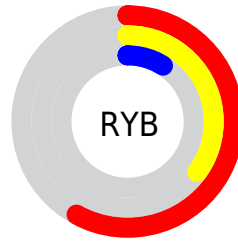
Distribution



 Red (58%)

 Green (26%)

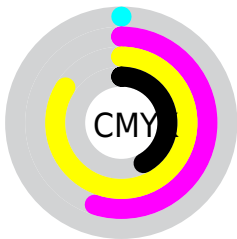
 Blue (9%)



 Red (58%)

 Yellow (35%)

 Blue (9%)

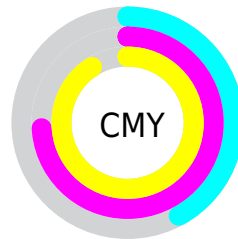


 Cyan (0%)

 Magenta (55%)

 Yellow (84%)

 Black (42%)



 Cyan (42%)

 Magenta (74%)

 Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 944318 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 944318 by changing the saturation by 10% instead.

 944318

 944318

FFFFFF

 772B00

 CF7547

 5B1200

 EE8F60

 3F0000

 FFAA79

 270001

 FFC693

 000000

 FFE2AE

 FFFFCA

 FFFFEE

 944318

 944318

■ 943909

■ 944D27

■ 943300

■ 945636

■ 946044

■ 946A53

■ 947362

■ 947D71

■ 948780

■ 94908E

■ 949A9D

Harmonies

Analogous

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



A3313E



944318



775500

Triad

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



944318



006D4E



4155A8

Complementary

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



944318



186994

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.



0063AD



944318



006D79

Square

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



944318



116923



006B9C



81418E

Rectangle

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



944318



5E5E00



006B9C



095AAC

Sweetspot

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



944318



BFA08F



94186B



614E44



E0E0E0



616161

Same Dimension

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



944318



BF4200



947F18



4A4543



8A3000



0A0400

Inverse Universe

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



186994



007DBF



182D94



43474A



005A8A



00070A

Previews

White Background



This preview shows how the Hex color 944318 looks on a white background.

Color Contrast Check

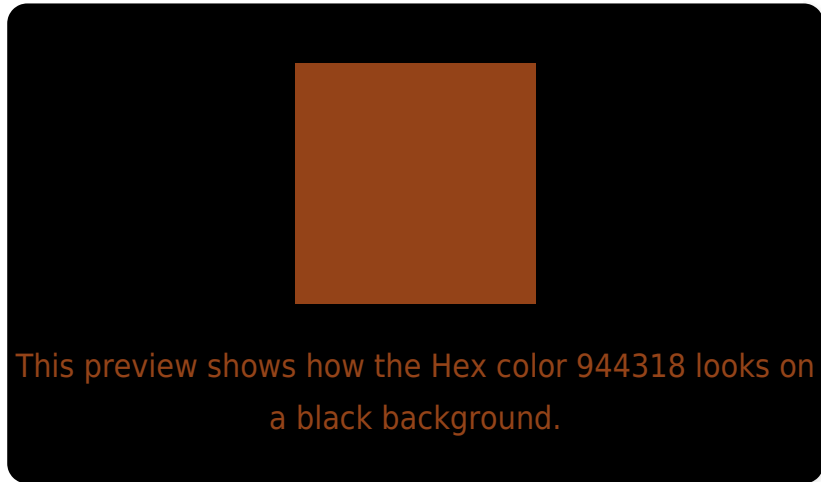
Large Text (above 18pt) WCAG AA ✓ Pass

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

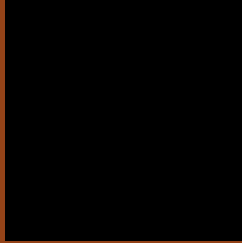
Any Text WCAG AA × Fail

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 944318 Background



This preview shows how black text looks on a background with the Hex color 944318.



This preview shows how white text looks on a background with the Hex color 944318.

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
944318

Protanopia
665C1E

Deuteranopia
73570F



Tritanopia
963F43

Trichromacy



Original Color
944318

Protanomaly
77531C

Deuteranomaly
7F5012

Tritanomaly
954033

Monochromacy



Original Color
944318

Achromatopsia
565656

Achromatomaly
6D4F3F

CSS Examples

Text

The CSS property to change the color of the text to Hex 944318 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 #944318 looks like.

```
.text, #text, p{  
    color:#944318  
}
```

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 #944318 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #944318
}
```

Border

The CSS property to change the border of an element to Hex 944318 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
#944318 }
```

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

```
.border{ border-color:#944318 }
```

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

Here you see how a box with a 4 pixel #944318 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #944318; -webkit-box-shadow:4px 4px  
4px 4px #944318; box-shadow:4px 4px 4px  
4px #944318 }
```

Background

The CSS property to change the background color of an element to Hex 944318 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#944318 }
```

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

```
.background{ background-color:#944318 }
```

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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