

Converting Colors

Hex(942F07)

Have a look what the booklet for
Hex(942F07) contains.

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Color

Hex(942F07)

Conversions

Conversions Part 1

Format	Color
Hex	942F07
RGB	148, 47, 7
RGB Percent	58%, 18%, 3%
CMY	0.4196, 0.8157, 0.9725
CMYK	0.00, 0.68, 0.95, 0.42
HSL	17°, 91%, 30%
HSV	17°, 95%, 58%
XYZ	13.2676, 8.3443, 1.1123
YIQ	72.6390, 73.0360, 8.9720

Conversions

Conversions Part 2

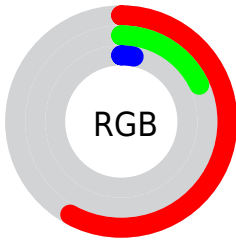
Format	Color
R_{YB}	148, 63, 7
Decimal	9711367
CIE Lab	34.69, 40.88, 44.00
CIE LCh	35, 60.060, 47.105
Yxy	8.3443, 0.5839, 0.3672
Android (android.graphics.Color)	4287901447 (0xFF942F07)
YUV	72.6390, -32.3600, 66.0916
Hunter-Lab	28.8865, 31.4341, 17.9374

Details

The Hex color **942F07** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **076C94**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **D16238**, and **590000** is the 20% darker color. If you saturate the color by 10%, you get **942A00**, and if you desaturate by 10%, it is **943A16**.

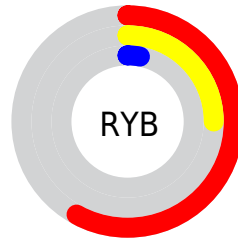
Distribution



Red (58%)

Green (18%)

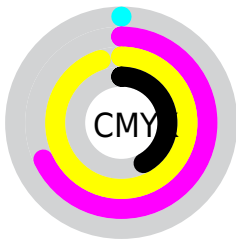
Blue (3%)



Red (58%)

Yellow (25%)

Blue (3%)

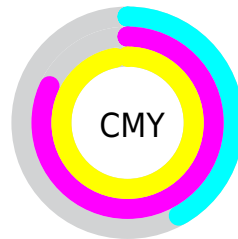


Cyan (0%)

Magenta (68%)

Yellow (95%)

Black (42%)



Cyan (42%)

Magenta (82%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color 942F07 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 942F07 by changing the saturation by 10% instead.

 942F07

 942F07

 FFFFF1

 771300

 D16238

 590000

 F07D50

 3D0000

 FF9769

 200001

 FFB383

 000000

 FFCF9D

 FFECB8

 FFFF04

 942F07

 942F07

■ 942A00

■ 943A16

■ 944425

■ 944F33

■ 945942

■ 946451

■ 946F60

■ 94796F

■ 94847D

■ 948E8C

Harmonies

Analogous

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



A30C39



942F07



754800

Triad

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



942F07



00643A



004EAE

Complementary

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



942F07



076C94

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.



005DB0



942F07



00666D

Square

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



942F07



006000



006497



743594

Rectangle

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



942F07



5A5300



006497



0054B2

Sweetspot

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



942F07



BF9888



94076C



61493F



E0E0E0



616161

Same Dimension

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



942F07



BF3600



947507



4A4543



8A2700



0A0300

Inverse Universe

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



076C94



0089BF



072694



43484A



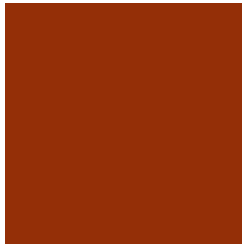
00638A



00070A

Previews

White Background



This preview shows how the Hex color 942F07 looks on a white background.

Color Contrast Check

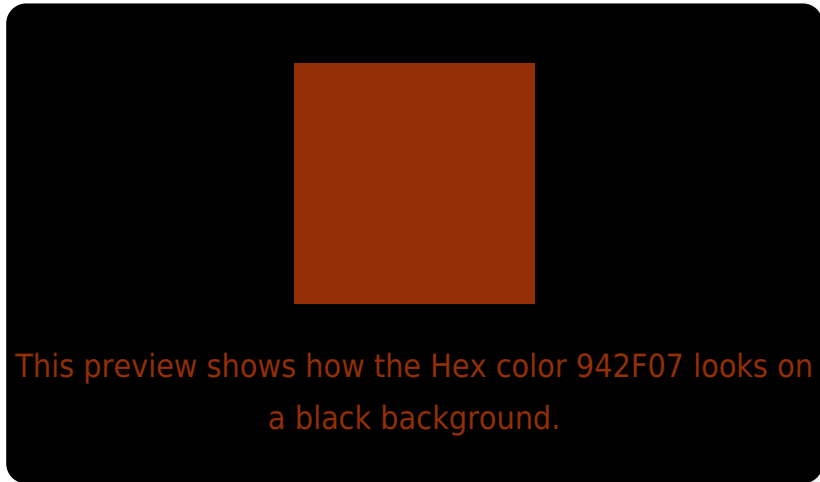
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 942F07 Background



This preview shows how black text looks on a background with the Hex color 942F07.



This preview shows how white text looks on a background with the Hex color 942F07.

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
942F07

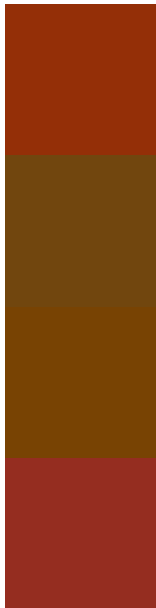
Protanopia
5D5312

Deuteranopia
684F00



Tritanopia
952C2E

Trichromacy



Original Color
942F07

Protanomaly
71460E

Deuteranomaly
784303

Tritanomaly
952D20

Monochromacy



Original Color
942F07

Achromatopsia
494949

Achromatomaly
644031

CSS Examples

Text

The CSS property to change the color of the text to Hex 942F07 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 #942F07 looks like.

```
.text, #text, p{  
    color:#942F07  
}
```

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 #942F07 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #942F07
}
```

Border

The CSS property to change the border of an element to Hex 942F07 is called "border". The border property can be set on classes, ids or directly on the HTML element.

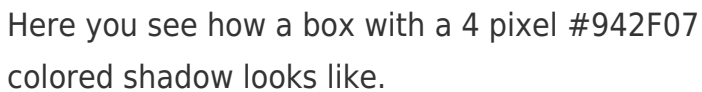
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#942F07 }
```

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

```
.border{ border-color:#942F07 }
```

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



Here you see how a box with a 4 pixel #942F07 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #942F07; -webkit-box-shadow:4px 4px  
4px 4px #942F07; box-shadow:4px 4px 4px  
4px #942F07 }
```

Background

The CSS property to change the background color of an element to Hex 942F07 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#942F07 }
```

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

```
.background{ background-color:#942F07 }
```

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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