

Converting Colors

Hex(930505)

Have a look what the booklet for
Hex(930505) contains.

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Color

Hex(930505)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 930505 |
| RGB | 147, 5, 5 |
| RGB Percent | 58%, 2%, 2% |
| CMY | 0.4235, 0.9804, 0.9804 |
| CMYK | 0.00, 0.97, 0.97, 0.42 |
| HSL | 0°, 93%, 30% |
| HSV | 0°, 97%, 58% |
| XYZ | 12.1143, 6.3225, 0.7255 |
| YIQ | 47.4580, 84.6320, 30.1040 |

Conversions

Conversions Part 2

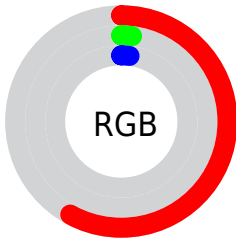
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 147, 5, 5 |
| Decimal | 9635077 |
| CIELab | 30.21, 52.44, 41.71 |
| CIELCh | 30, 67.004, 38.502 |
| Yxy | 6.3225, 0.6322, 0.3299 |
| Android (android.graphics.Color) | 4287825157 (0xFF930505) |
| YUV | 47.4580, -20.9318, 87.2983 |
| Hunter-Lab | 25.1447, 41.9952, 15.8907 |

Details

The Hex color **930505** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **059393**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **D14933**, and **560000** is the 20% darker color. If you saturate the color by 10%, you get **930000**, and if you desaturate by 10%, it is **931414**.

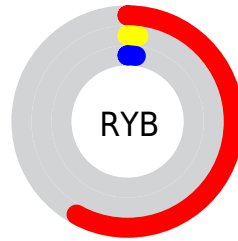
Distribution



Red (58%)

Green (2%)

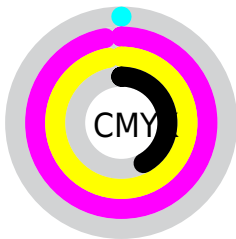
Blue (2%)



Red (58%)

Yellow (2%)

Blue (2%)

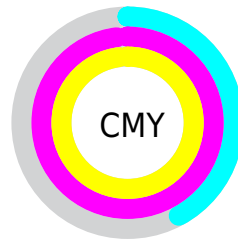


Cyan (0%)

Magenta (97%)

Yellow (97%)

Black (42%)



Cyan (42%)

Magenta (98%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 930505 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 930505 by changing the saturation by 10% instead.

 930505

 930505

 FFFFE9

 750000

 D14933

 560000

 F1654A

 3C0002

 FF8063

 160000

 FF9B7C

 000000

 FFB896

 FFD4B1

 FFF1CD

 930505

 930505

■ 930000

■ 931414

■ 932222

■ 933131

■ 934040

■ 934F4F

■ 935D5D

■ 936C6C

■ 937B7B

■ 938989

Harmonies

Analogous

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



9E003B



930505



753500

Triad

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



930505



00591D



004AB1

Complementary

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



930505



059393

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.



0057AA



930505



005B55

Square

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



930505



005500



005B88



552F9A

Rectangle

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



930505



5A4500



005B88



0050B2

Sweetspot

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



930505



BF8888



930593



613F3F



E0E0E0



616161

Same Dimension

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



930505



BF0000



934C05



4A4343



8A0000



0A0000

Inverse Universe

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



059393



00BFBF



054C93



434A4A



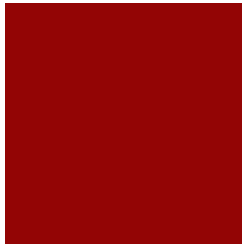
008A8A



000A0A

Previews

White Background



This preview shows how the Hex color 930505 looks on a white background.

Color Contrast Check

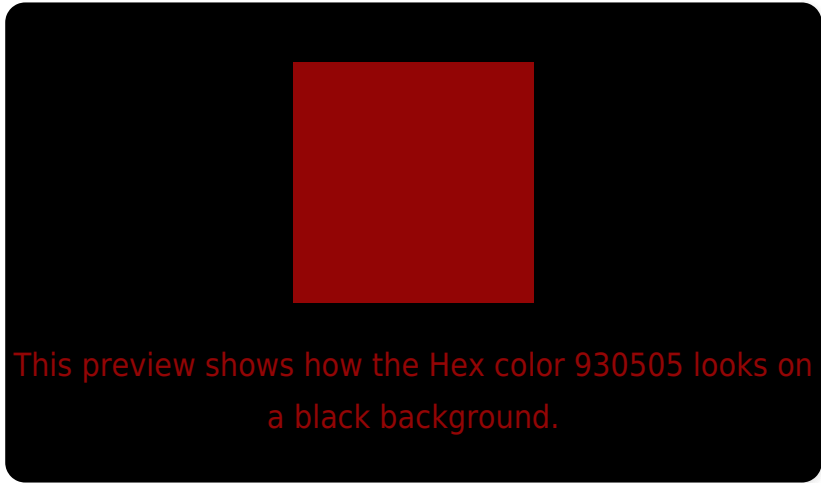
Large Text (above 18pt) WCAG AA ✓ Pass

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 930505 Background



This preview shows how black text looks on a background with the Hex color 930505.



This preview shows how white text looks on a background with the Hex color 930505.

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
930505

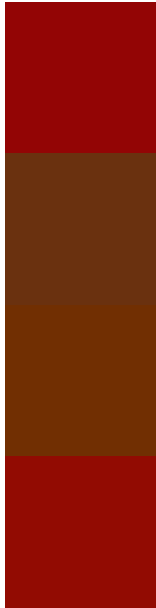
Protanopia
534A14

Deuteranopia
5E4700



Tritanopia
920E00

Trichromacy



Original Color
930505

Protanomaly
6A310F

Deuteranomaly
712F02

Tritanomaly
920B02

Monochromacy



Original Color
930505

Achromatopsia
2F2F2F

Achromatomaly
532020

CSS Examples

Text

The CSS property to change the color of the text to Hex 930505 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 #930505 looks like.

```
.text, #text, p{  
    color:#930505  
}
```

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 #930505 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #930505
}
```

Border

The CSS property to change the border of an element to Hex 930505 is called "border". The border property can be set on classes, ids or directly on the HTML element.

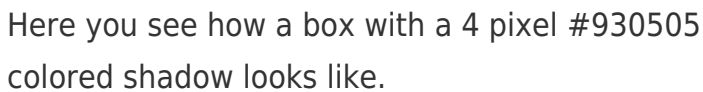
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#930505 }
```

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

```
.border{ border-color:#930505 }
```

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



Here you see how a box with a 4 pixel #930505 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #930505; -webkit-box-shadow:4px 4px  
4px 4px #930505; box-shadow:4px 4px 4px  
4px #930505 }
```

Background

The CSS property to change the background color of an element to Hex 930505 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#930505 }
```

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

```
.background{ background-color:#930505 }
```

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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