

Converting Colors

Hex(9C2C05)

Have a look what the booklet for
Hex(9C2C05) contains.

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Color

Hex(9C2C05)

Conversions

Conversions Part 1

Format	Color
Hex	9C2C05
RGB	156, 44, 5
RGB Percent	61%, 17%, 2%
CMY	0.3882, 0.8275, 0.9804
CMYK	0.00, 0.72, 0.97, 0.39
HSL	15°, 94%, 32%
HSV	15°, 97%, 61%
XYZ	14.6384, 8.8802, 1.0861
YIQ	73.0420, 79.2710, 11.6150

Conversions

Conversions Part 2

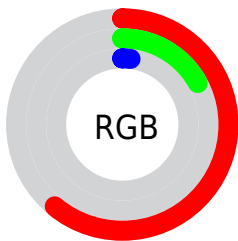
Format	Color
R _Y B	156, 58, 5
Decimal	10234885
CIE Lab	35.75, 44.94, 46.18
CIE LCh	36, 64.435, 45.777
Yxy	8.8802, 0.5949, 0.3609
Android (android.graphics.Color)	4288424965 (0xFF9C2C05)
YUV	73.0420, -33.5447, 72.7542
Hunter-Lab	29.7997, 35.5341, 18.6989

Details

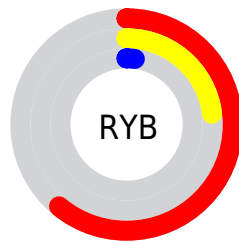
The Hex color **9C2C05** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **05759C**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **DA6137**, and **600000** is the 20% darker color. If you saturate the color by 10%, you get **9C2800**, and if you desaturate by 10%, it is **9C3815**.

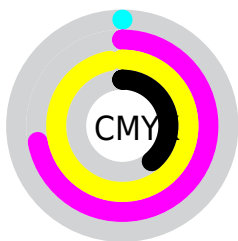
Distribution



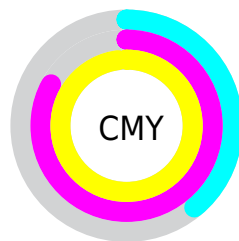
- Red (61%)
- Green (17%)
- Blue (2%)



- Red (61%)
- Yellow (23%)
- Blue (2%)



- Cyan (0%)
- Magenta (72%)
- Yellow (97%)
- Black (39%)



- Cyan (39%)
- Magenta (83%)
- Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9C2C05 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 9C2C05 by changing the saturation by 10% instead.

 9C2C05

 9C2C05

 FFFFF0

 7E0C00

 DA6137

 600000

 F97B4F

 430000

 FF9668

 280001

 FFB281

 000000

 FFCE9C

 FFEBB7

 FFFFFD3

 9C2C05

 9C2C05

■ 9C2800

■ 9C3815

■ 9C4324

■ 9C4F34

■ 9C5A43

■ 9C6653

■ 9C7163

■ 9C7D72

■ 9C8982

■ 9C9491

Harmonies

Analogous

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



AB003C



9C2C05



7B4900

Triad

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



9C2C05



006839



0052B9

Complementary

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



9C2C05



05759C

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.



0061B9



9C2C05



00696F

Square

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



9C2C05



006400



00689E



76369D

Rectangle

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



9C2C05



5F5500



00689E



0058BC

Sweetspot

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



9C2C05



CCA091



9C0576



664C42



E6E6E6



666666

Same Dimension

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



9C2C05



CC3500



9C7605



4F4947



8F2500



0F0400

Inverse Universe

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



05759C



0097CC



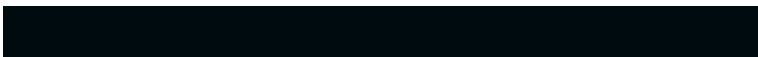
052B9C



474D4F



006A8F



000B0F

Previews

White Background



This preview shows how the Hex color 9C2C05 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

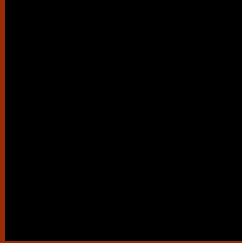
Any Text WCAG AA × Fail

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 9C2C05 Background



This preview shows how black text looks on a background with the Hex color 9C2C05.



This preview shows how white text looks on a background with the Hex color 9C2C05.

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
9C2C05

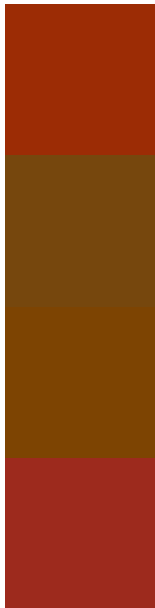
Protanopia
605612

Deuteranopia
6C5100



Tritanopia
9D292B

Trichromacy



Original Color
9C2C05

Protanomaly
76470D

Deuteranomaly
7D4402

Tritanomaly
9D2A1D

Monochromacy



Original Color
9C2C05

Achromatopsia
494949

Achromatomaly
673E30

CSS Examples

Text

The CSS property to change the color of the text to Hex 9C2C05 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 #9C2C05 looks like.

```
.text, #text, p{  
    color:#9C2C05  
}
```

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 #9C2C05 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9C2C05  
}
```

Border

The CSS property to change the border of an element to Hex 9C2C05 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  
#9C2C05 }
```

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

```
.border{ border-color:#9C2C05 }
```

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

Here you see how a box with a 4 pixel #9C2C05 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9C2C05; -webkit-box-shadow:4px 4px  
4px 4px #9C2C05; box-shadow:4px 4px 4px  
4px #9C2C05 }
```

Background

The CSS property to change the background color of an element to Hex 9C2C05 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9C2C05 }
```

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

```
.background{ background-color:#9C2C05 }
```

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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