

# Converting Colors

Hex(9D0005)

Have a look what the booklet for  
Hex(9D0005) contains.

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**Color**

**Hex(9D0005)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9D0005
RGB	157, 0, 5
RGB Percent	62%, 0%, 2%
CMY	0.3843, 1.0000, 0.9804
CMYK	0.00, 1.00, 0.97, 0.38
HSL	358°, 100%, 31%
HSV	358°, 100%, 62%
XYZ	13.9320, 7.1791, 0.7950
YIQ	47.5130, 91.9670, 34.8390

# Conversions

## Conversions Part 2

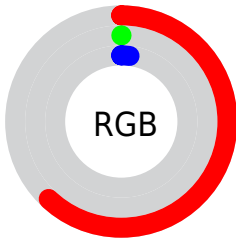
Format	Color
<b>RYB</b>	157, 0, 5
Decimal	10289157
CIELab	32.21, 55.82, 44.17
CIElCh	32, 71.182, 38.350
Yxy	7.1791, 0.6360, 0.3277
Android (android.graphics.Color)	4288479237 (0xFF9D0005)
YUV	47.5130, -20.9589, 96.0201
Hunter-Lab	26.7938, 45.9260, 16.9965

# Details

The Hex color **9D0005** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **009D98**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **DC4A33**, and **5F0000** is the 20% darker color. If you saturate the color by 10%, you get **9D0005**, and if you desaturate by 10%, it is **9D1014**.

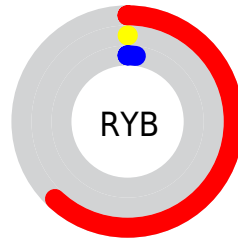
# Distribution



Red (62%)

Green (0%)

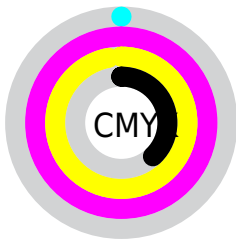
Blue (2%)



Red (62%)

Yellow (0%)

Blue (2%)

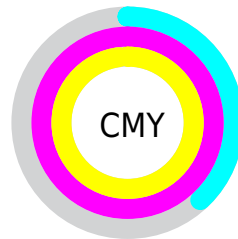


Cyan (0%)

Magenta (100%)

Yellow (97%)

Black (38%)



Cyan (38%)

Magenta (100%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9D0005 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 9D0005 by changing the saturation by 10% instead.



 9D0005

 9D0005

 FFFFEA

 7E0000

 DC4A33

 5F0000

 FC664B

 430002

 FF8164

 240001

 FF9D7D

 000000

 FFBA97

 FFD7B2

 FFF4CE

 9D0005

 9D1014

 9D1F23

 9D2F33

 9D3F42

 9D4F51

 9D5E60

 9D6E6F

 9D7E7F

 9D8D8E

# Harmonies

## Analogous

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



A9003F



9D0005



7D3800

# Triad

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



9D0005



005F1E



004FBD

# Complementary

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



9D0005



009D98

# 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.



005DB6



9D0005



00615B

# Square

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



9D0005



005A00



006191



5A32A5

# Rectangle

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



9D0005



604900



006191



0055BE



# Sweetspot

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



9D0005



CC8F91



98009D



664142



E6E6E6



666666



# Same Dimension

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



9D0005



CC0006



9D4900



4F4747



8F0005



0F0000



# Inverse Universe

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



9D0005



CC0006



00549D



4F4747



8F0005



0F0000



# Previews

## White Background



This preview shows how the Hex color 9D0005 looks on a white background.

## Color Contrast Check

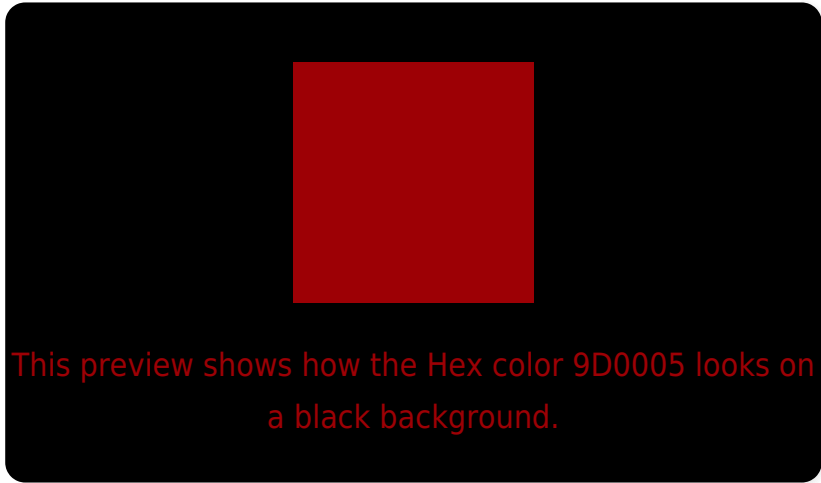
Large Text (above 18pt) WCAG AA ✓ Pass

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 9D0005 Background



This preview shows how black text looks on a background with the Hex color 9D0005.



This preview shows how white text looks on a background with the Hex color 9D0005.

# 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**  
9D0005

**Protanopia**  
594F15

**Deuteranopia**  
644B00

# Trichromacy



**Original Color**  
9D0005

**Protanomaly**  
72320F

**Deuteranomaly**  
793002

# Monochromacy



**Original Color**  
9D0005

**Achromatopsia**  
303030

**Achromatomaly**  
581F20

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9D0005 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 #9D0005 looks like.

```
.text, #text, p{  
    color:#9D0005  
}
```

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 #9D0005 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9D0005
}
```

## Border

The CSS property to change the border of an element to Hex 9D0005 is called "border". The border property can be set on classes, ids or directly on the HTML element.

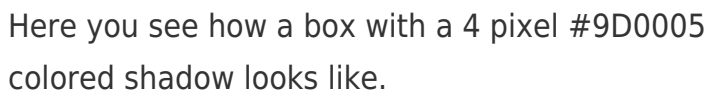
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9D0005 }
```

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

```
.border{ border-color:#9D0005 }
```

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



Here you see how a box with a 4 pixel #9D0005 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9D0005; -webkit-box-shadow:4px 4px  
4px 4px #9D0005; box-shadow:4px 4px 4px  
4px #9D0005 }
```

# Background

The CSS property to change the background color of an element to Hex 9D0005 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9D0005 }
```

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

```
.background{ background-color:#9D0005 }
```

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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