

# Converting Colors

Hex(965029)

Have a look what the booklet for  
Hex(965029) contains.

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**Color**

**Hex(965029)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	965029
RGB	150, 80, 41
RGB Percent	59%, 31%, 16%
CMY	0.4118, 0.6863, 0.8392
CMYK	0.00, 0.47, 0.73, 0.41
HSL	21°, 57%, 37%
HSV	21°, 73%, 59%
XYZ	15.8466, 12.3814, 3.6525
YIQ	96.4840, 54.2390, 2.7110

# Conversions

## Conversions Part 2

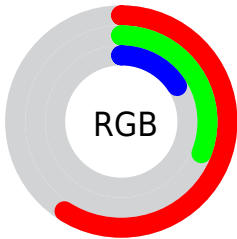
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	150, 102, 41
Decimal	9850921
CIE <sub>Lab</sub>	41.82, 25.98, 35.18
CIE <sub>LCh</sub>	42, 43.737, 53.550
Yxy	12.3814, 0.4971, 0.3884
Android (android.graphics.Color)	4288041001 (0xFF965029)
YUV	96.4840, -27.3536, 46.9335
Hunter-Lab	35.1873, 18.8097, 18.4767

# Details

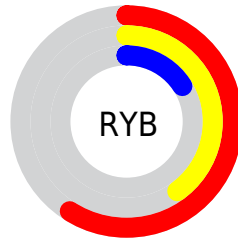
The Hex color **965029** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **296F96**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **D08258**, and **5E2100** is the 20% darker color. If you saturate the color by 10%, you get **96461A**, and if you desaturate by 10%, it is **965A38**.

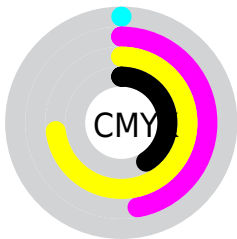
# Distribution



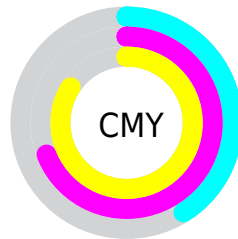
- Red (59%)
- Green (31%)
- Blue (16%)



- Red (59%)
- Yellow (40%)
- Blue (16%)



- Cyan (0%)
- Magenta (47%)
- Yellow (73%)
- Black (41%)



- Cyan (41%)
- Magenta (69%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 965029 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 965029 by changing the saturation by 10% instead.



 965029

 965029

FFFFFF

 7A3812

 D08258

 5E2100

 EE9D71

 430A00

 FFB88B

 2B0000

 FFD4A5

 000000

 FFF0C1

 FFFFDD

 FFFFFA

 965029

 965029

■ 96461A

■ 965A38

■ 963D0B

■ 966347

■ 963600

■ 966D56

■ 967765

■ 968074

■ 968A83

■ 969392

■ 969DA1

■ 96A7B0

# Harmonies

## Analogous

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



A34448



965029



7C5E15

# Triad

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



965029



007359



555CA5

# Complementary

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



965029



296F96

# 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.



0069AA



965029



00747E

# Square

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



965029



2B7036



00719C



874D8E

# Rectangle

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



965029



666615



00719C



3C61A9



# Sweetspot

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



965029



C2A697



962970



615148



E0E0E0



616161



# Same Dimension

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



965029



C25619



968629



4A4543



8A3100



0A0400



# Inverse Universe

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



296F96



1985C2



293996



43474A



00588A



00070A



# Previews

## White Background



This preview shows how the Hex color 965029 looks on a white background.

## Color Contrast Check

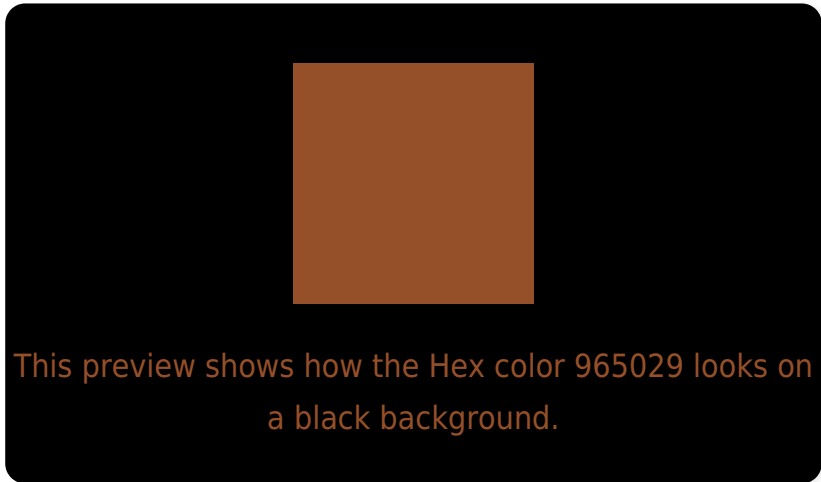
Large Text (above 18pt) WCAG AA ✓ Pass

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 965029 Background



This preview shows how black text looks on a background with the Hex color 965029.



This preview shows how white text looks on a background with the Hex color 965029.

# 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**  
965029

**Protanopia**  
6E632F

**Deuteranopia**  
7C5E25



**Tritanopia**  
984C51

# Trichromacy



**Original Color**  
965029

**Protanomaly**  
7D5C2D

**Deuteranomaly**  
855926

**Tritanomaly**  
974D42

# Monochromacy



**Original Color**  
965029

**Achromatopsia**  
606060

**Achromatomaly**  
745A4C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 965029 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 #965029 looks like.

```
.text, #text, p{  
    color:#965029  
}
```

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 #965029 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #965029
}
```

## Border

The CSS property to change the border of an element to Hex 965029 is called "border". The border property can be set on classes, ids or directly on the HTML element.

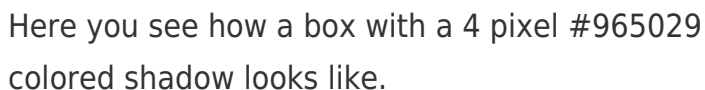
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#965029 }
```

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

```
.border{ border-color:#965029 }
```

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



Here you see how a box with a 4 pixel #965029 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #965029; -webkit-box-shadow:4px 4px  
4px 4px #965029; box-shadow:4px 4px 4px  
4px #965029 }
```

# Background

The CSS property to change the background color of an element to Hex 965029 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#965029 }
```

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

```
.background{ background-color:#965029 }
```

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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