

# Converting Colors

Hex(962935)

Have a look what the booklet for  
Hex(962935) contains.

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**Color**

**Hex(962935)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	962935
RGB	150, 41, 53
RGB Percent	59%, 16%, 21%
CMY	0.4118, 0.8392, 0.7922
CMYK	0.00, 0.73, 0.65, 0.41
HSL	353°, 57%, 37%
HSV	353°, 73%, 59%
XYZ	14.0132, 8.3269, 4.2368
YIQ	74.9590, 61.1120, 26.8400

# Conversions

## Conversions Part 2

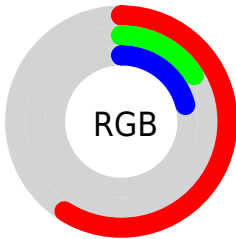
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	150, 41, 53
Decimal	9840949
CIE Lab	34.65, 45.80, 19.56
CIE LCh	35, 49.805, 23.128
Yxy	8.3269, 0.5273, 0.3133
Android (android.graphics.Color)	4288031029 (0xFF962935)
YUV	74.9590, -10.8258, 65.8110
Hunter-Lab	28.8565, 36.1841, 11.4943

# Details

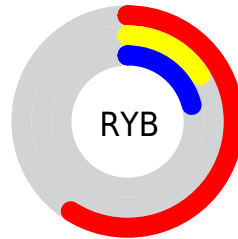
The Hex color **962935** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **29968A**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **D15E63**, and **5D0009** is the 20% darker color. If you saturate the color by 10%, you get **961A28**, and if you desaturate by 10%, it is **963842**.

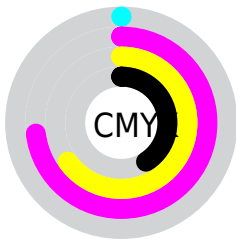
# Distribution



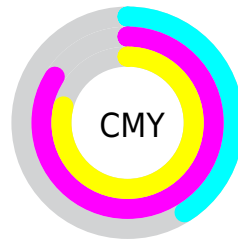
- Red (59%)
- Green (16%)
- Blue (21%)



- Red (59%)
- Yellow (16%)
- Blue (21%)



- Cyan (0%)
- Magenta (73%)
- Yellow (65%)
- Black (41%)



- Cyan (41%)
- Magenta (84%)
- Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 962935 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 962935 by changing the saturation by 10% instead.



 962935

 962935

FFFFFF

 790620

 D15E63

 5D0009

 F0797C

 410000

 FF9496

 240001

 FFB0B1

 000000

 FFC0CC

 FFE9E8

 962935

 962935

 961A28

 963842

■ 960B1A

■ 964750

■ 960011

■ 96565D

■ 96656A

■ 967478

■ 968385

■ 969292

■ 96A1A0

■ 96B0AD

# Harmonies

## Analogous

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



93265C



962935



873B0F

# Triad

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



962935



005F1E



0059A1

# Complementary

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



962935



29968A

# 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.



006191



962935



006347

# Square

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



962935



465800



006370



3B4B9B

# Rectangle

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



962935



754700



006370



005C9E



# Sweetspot

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



962935



C2979C



892996



61484A



E0E0E0



616161



# Same Dimension

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



962935



C2192C



965329



4A4343



8A000F



0A0001



# Inverse Universe

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



962935



C2192C



296C96



4A4343



8A000F



0A0001



# Previews

## White Background



This preview shows how the Hex color 962935 looks on a white background.

## Color Contrast Check

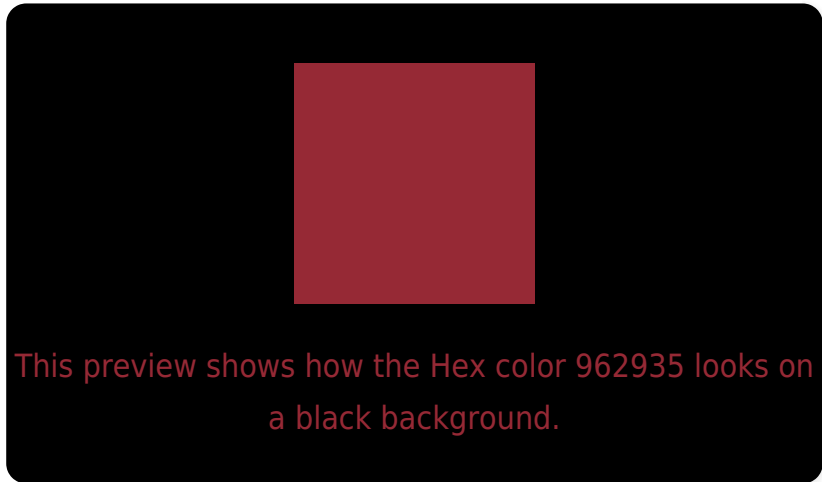
Large Text (above 18pt) WCAG AA ✓ Pass

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 962935 Background



This preview shows how black text looks on a background with the Hex color 962935.

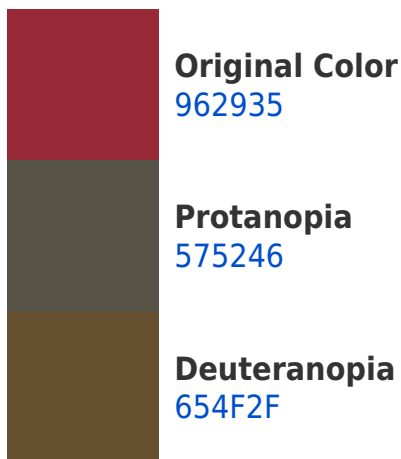


This preview shows how white text looks on a background with the Hex color 962935.

# 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





**Tritanopia**  
962B2C

# Trichromacy



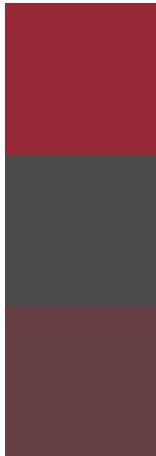
**Original Color**  
962935

**Protanomaly**  
6E4340

**Deuteranomaly**  
774131

**Tritanomaly**  
962A2F

# Monochromacy



**Original Color**  
962935

**Achromatopsia**  
4B4B4B

**Achromatomaly**  
663F43

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 962935 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 #962935 looks like.

```
.text, #text, p{  
    color:#962935  
}
```

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 #962935 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #962935 }  
}
```

## Border

The CSS property to change the border of an element to Hex 962935 is called "border". The border property can be set on classes, ids or directly on the HTML element.

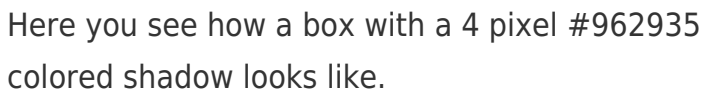
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #962935 }  
}
```

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

```
.border{ border-color:#962935 }
```

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



Here you see how a box with a 4 pixel #962935 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #962935; -webkit-box-shadow:4px 4px  
4px 4px #962935; box-shadow:4px 4px 4px  
4px #962935 }
```

# Background

The CSS property to change the background color of an element to Hex 962935 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#962935 }
```

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

```
.background{ background-color:#962935 }
```

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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