

Converting Colors

Hex(961A30)

Have a look what the booklet for
Hex(961A30) contains.

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Color

Hex(961A30)

Conversions

Conversions Part 1

Format	Color
Hex	961A30
RGB	150, 26, 48
RGB Percent	59%, 10%, 19%
CMY	0.4118, 0.8980, 0.8118
CMYK	0.00, 0.83, 0.68, 0.41
HSL	349°, 70%, 35%
HSV	349°, 83%, 59%
XYZ	13.4806, 7.4362, 3.5211
YIQ	65.5840, 66.8420, 33.1300

Conversions

Conversions Part 2

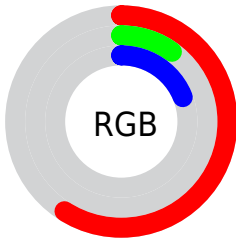
Format	Color
R_{YB}	150, 26, 48
Decimal	9837104
CIE _{Lab}	32.78, 50.49, 20.38
CIE _{LCh}	33, 54.452, 21.984
Yxy	7.4362, 0.5516, 0.3043
Android (android.graphics.Color)	4288027184 (0xFF961A30)
YUV	65.5840, -8.6689, 74.0328
Hunter-Lab	27.2694, 40.5195, 11.4328

Details

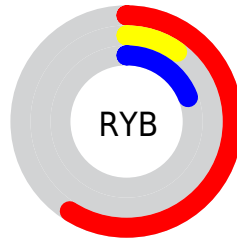
The Hex color **961A30** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **1A9680**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **D2545E**, and **5C0001** is the 20% darker color. If you saturate the color by 10%, you get **960B24**, and if you desaturate by 10%, it is **96293C**.

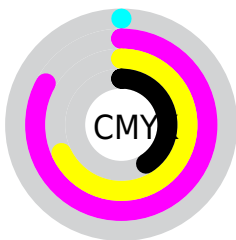
Distribution



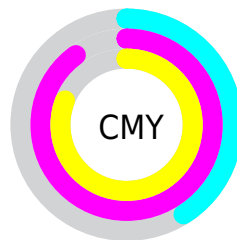
- Red (59%)
- Green (10%)
- Blue (19%)



- Red (59%)
- Yellow (10%)
- Blue (19%)



- Cyan (0%)
- Magenta (83%)
- Yellow (68%)
- Black (41%)



- Cyan (41%)
- Magenta (90%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 961A30 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 961A30 by changing the saturation by 10% instead.

 961A30

 961A30

FFFFFF

 79001B

 D2545E

 5C0001

 F16F76

 400001

 FF8A90

 210001

 FFA6AA

 000000

 FFC2C6

 FFD FE2

 FFFCFE

 961A30

 961A30

■ 960B24

■ 96293C

■ 96001B

■ 963849

■ 964755

■ 965661

■ 96656E

■ 96747A

■ 968386

■ 969293

■ 96A19F

Harmonies

Analogous

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



92165B



961A30



863303

Triad

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



961A30



005B11



0056A3

Complementary

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



961A30



1A9680

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.



005D91



961A30



005F40

Square

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



961A30



415400



00606C



29479E

Rectangle

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



961A30



734100



00606C



00599F

Sweetspot

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



961A30



C2919A



7F1A96



614449



E0E0E0



616161

Same Dimension

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



961A30



C20224



96411A



4A4344



8A0018



0A0002

Inverse Universe

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



961A30



C20224



1A6F96



4A4344



8A0018



0A0002

Previews

White Background



This preview shows how the Hex color 961A30 looks on a white background.

Color Contrast Check

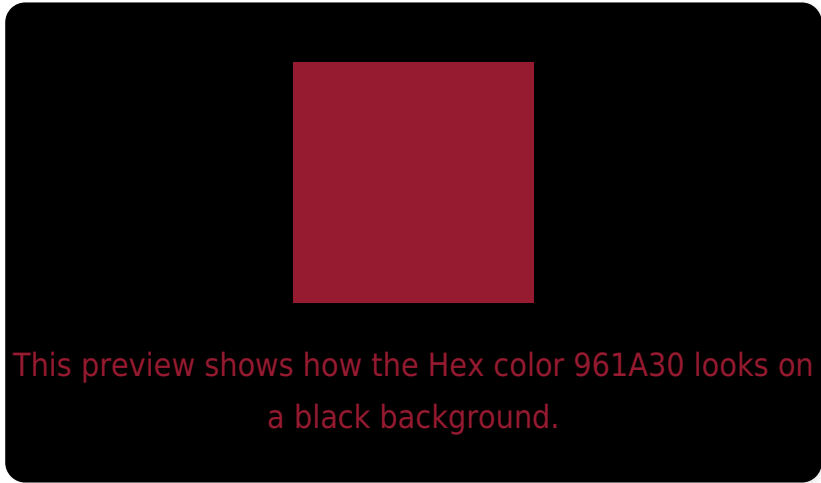
Large Text (above 18pt) WCAG AA ✓ Pass

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 961A30 Background



This preview shows how black text looks on a background with the Hex color 961A30.

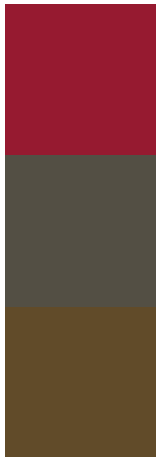


This preview shows how white text looks on a background with the Hex color 961A30.

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
961A30

Protanopia
534F44

Deuteranopia
614B29

Trichromacy



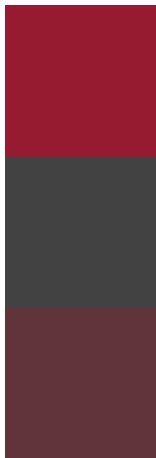
Original Color
961A30

Protanomaly
6B3C3D

Deuteranomaly
74392C

Tritanomaly
951D25

Monochromacy



Original Color
961A30

Achromatopsia
424242

Achromatomaly
61333B

CSS Examples

Text

The CSS property to change the color of the text to Hex 961A30 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 #961A30 looks like.

```
.text, #text, p{  
    color:#961A30  
}
```

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 #961A30 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #961A30
}
```

Border

The CSS property to change the border of an element to Hex 961A30 is called "border". The border property can be set on classes, ids or directly on the HTML element.

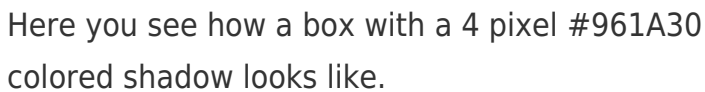
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#961A30 }
```

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

```
.border{ border-color:#961A30 }
```

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



Here you see how a box with a 4 pixel #961A30 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #961A30; -webkit-box-shadow:4px 4px  
4px 4px #961A30; box-shadow:4px 4px 4px  
4px #961A30 }
```

Background

The CSS property to change the background color of an element to Hex 961A30 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#961A30 }
```

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

```
.background{ background-color:#961A30 }
```

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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