

# Converting Colors

Hex(992A10)

Have a look what the booklet for  
Hex(992A10) contains.

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**Color**

**Hex(992A10)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	992A10
RGB	153, 42, 16
RGB Percent	60%, 16%, 6%
CMY	0.4000, 0.8353, 0.9373
CMYK	0.00, 0.73, 0.90, 0.40
HSL	11°, 81%, 33%
HSV	11°, 90%, 60%
XYZ	14.0584, 8.4656, 1.3833
YIQ	72.2250, 74.5020, 15.4460

# Conversions

## Conversions Part 2

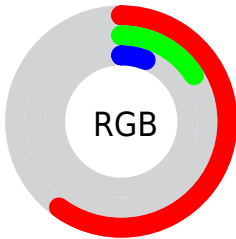
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	153, 48, 16
Decimal	10037776
CIE Lab	34.93, 44.88, 41.15
CIE LCh	35, 60.890, 42.518
Yxy	8.4656, 0.5880, 0.3541
Android (android.graphics.Color)	4288227856 (0xFF992A10)
YUV	72.2250, -27.7189, 70.8397
Hunter-Lab	29.0958, 35.3292, 17.5482

# Details

The Hex color **992A10** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **107F99**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **D65F3E**, and **5D0000** is the 20% darker color. If you saturate the color by 10%, you get **991E01**, and if you desaturate by 10%, it is **99361F**.

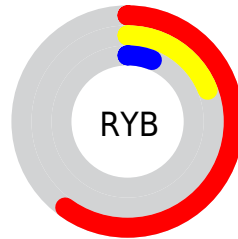
# Distribution



Red (60%)

Green (16%)

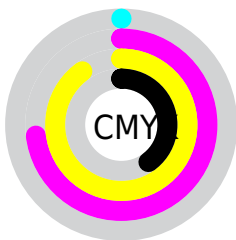
Blue (6%)



Red (60%)

Yellow (19%)

Blue (6%)

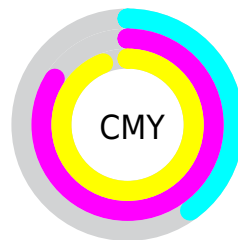


Cyan (0%)

Magenta (73%)

Yellow (90%)

Black (40%)



Cyan (40%)

Magenta (84%)

Yellow (94%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 992A10 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 992A10 by changing the saturation by 10% instead.



 992A10

 992A10

 FFFFF8

 7B0900

 D65F3E

 5D0000

 F57956

 410000

 FF946F

 250001

 FFB089

 000000

 FFCCA4

 FFE9BF

 FFFFDB

 992A10

 992A10

■ 991E01

■ 99361F

■ 991D00

■ 99432F

■ 994F3E

■ 995C4D

■ 99685C

■ 99746C

■ 99817B

■ 998D8A

■ 999A9A

# Harmonies

## Analogous

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



A50440



992A10



7C4500

# Triad

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



992A10



006533



0052B2

# Complementary

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



992A10



107F99

# 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.



0060B0



992A10



006766

# Square

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



992A10



0E6000



006693



6B399B

# Rectangle

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



992A10



625200



006693



0058B5



# Sweetspot

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



992A10



C79B91



991080



634A44



E3E3E3



636363



# Same Dimension

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



992A10



C72600



996E10



4D4645



8C1B00



0D0200



# Inverse Universe

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



107F99



00A1C7



103B99



454B4D



00728C



000A0D



# Previews

## White Background



This preview shows how the Hex color 992A10 looks on a white background.

## Color Contrast Check

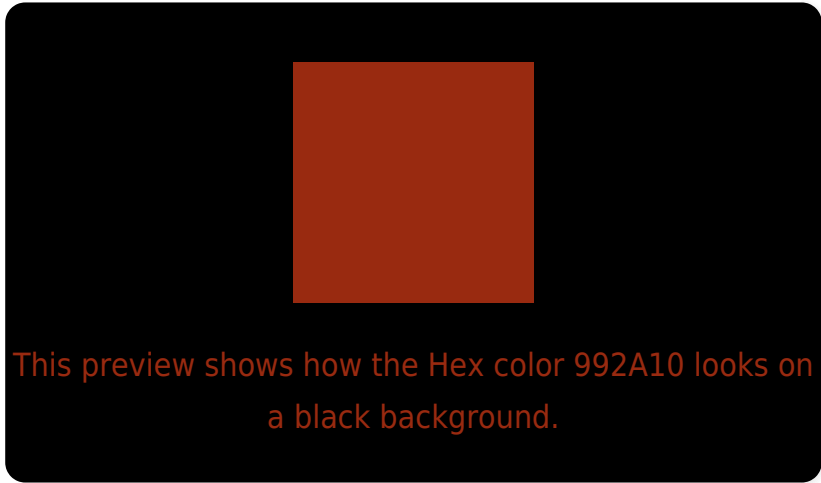
Large Text (above 18pt) WCAG AA ✓ Pass

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

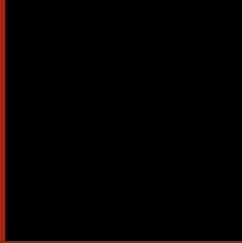
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 992A10 Background



This preview shows how black text looks on a background with the Hex color 992A10.



This preview shows how white text looks on a background with the Hex color 992A10.

# 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**  
992A10

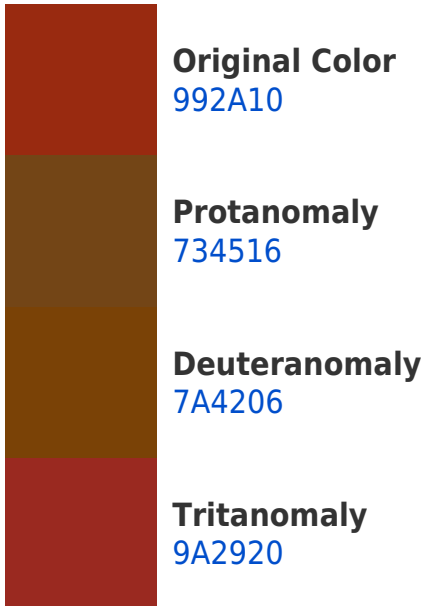
**Protanopia**  
5D541A

**Deuteranopia**  
694F00



**Tritanopia**  
9A2829

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 992A10 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 #992A10 looks like.

```
.text, #text, p{  
  color:#992A10  
}
```

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 #992A10 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #992A10
}
```

## Border

The CSS property to change the border of an element to Hex 992A10 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
#992A10 }
```

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

```
.border{ border-color:#992A10 }
```

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

Here you see how a box with a 4 pixel #992A10 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #992A10; -webkit-box-shadow:4px 4px  
4px 4px #992A10; box-shadow:4px 4px 4px  
4px #992A10 }
```

# Background

The CSS property to change the background color of an element to Hex 992A10 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#992A10 }
```

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

```
.background{ background-color:#992A10 }
```

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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