

Converting Colors

Hex(968A10)

Have a look what the booklet for
Hex(968A10) contains.

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Color

Hex(968A10)

Conversions

Conversions Part 1

Format	Color
Hex	968A10
RGB	150, 138, 16
RGB Percent	59%, 54%, 6%
CMY	0.4118, 0.4588, 0.9373
CMYK	0.00, 0.08, 0.89, 0.41
HSL	55°, 81%, 33%
HSV	55°, 89%, 59%
XYZ	21.7597, 24.6984, 4.1106
YIQ	127.6800, 46.3140, -35.3980

Conversions

Conversions Part 2

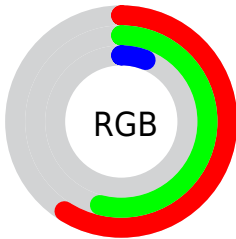
Format	Color
R _Y B	29, 150, 16
Decimal	9865744
CIE Lab	56.78, -7.84, 58.39
CIE LCh	57, 58.913, 97.643
Yxy	24.6984, 0.4303, 0.4884
Android (android.graphics.Color)	4288055824 (0xFF968A10)
YUV	127.6800, -55.0582, 19.5746
Hunter-Lab	49.6975, -8.8157, 29.8842

Details

The Hex color **968A10** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **101C96**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **D0BF4C**, and **5F5900** is the 20% darker color. If you saturate the color by 10%, you get **968901**, and if you desaturate by 10%, it is **968B1F**.

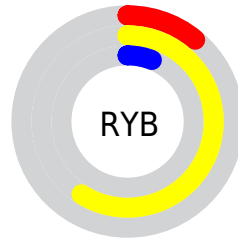
Distribution



Red (59%)

Green (54%)

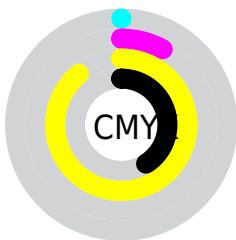
Blue (6%)



Red (11%)

Yellow (59%)

Blue (6%)

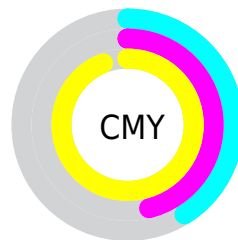


Cyan (0%)

Magenta (8%)

Yellow (89%)

Black (41%)



Cyan (41%)

Magenta (46%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 968A10 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 968A10 by changing the saturation by 10% instead.

 968A10

 968A10

FFFFFF

 7A7100

 D0BF4C

 5F5900

 EDDB67

 444100

 FFF781

 2B2C00

 FFFF9D

 101800

 FFFFB9

 000000

 FFFF D5

 FFFFF2

 968A10

 968A10

■ 968901

■ 968B1F

■ 968900

■ 968D2E

■ 968E3D

■ 968F4C

■ 96915B

■ 96926A

■ 969379

■ 969588

■ 969697

Harmonies

Analogous

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



C17723



968A10



5F9730

Triad

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



968A10



009FC6



D05FB0

Complementary

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



968A10



101C96

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.



9B75DA



968A10



0098E7

Square

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



968A10



00A194



248AEE



E4567D

Rectangle

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



968A10



239C4E



248AEE



C265C0

Sweetspot

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



968A10



C2BD8D



96101D



615E42



E0E0E0



616161

Same Dimension

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



968A10



C2B000



609610



4A4943



8A7D00



0A0900

Inverse Universe

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



101C96



0011C2



461096



43434A



000C8A



00010A

Previews

White Background



This preview shows how the Hex color 968A10 looks on a white background.

Color Contrast Check

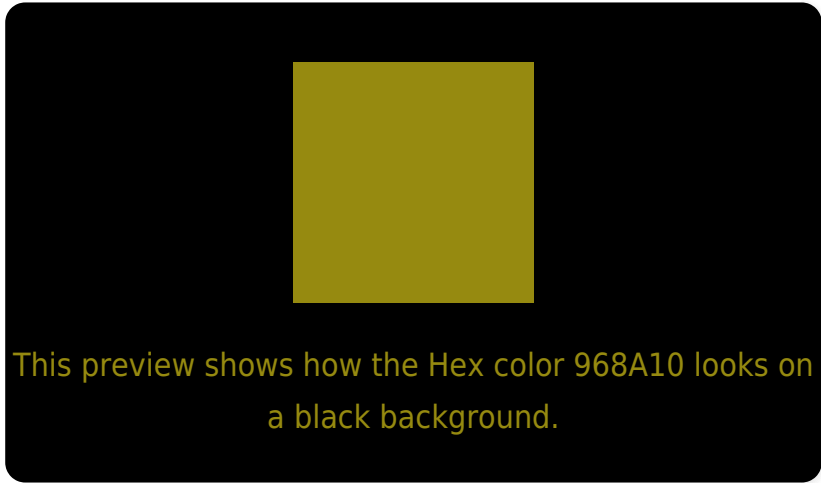
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black 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

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

Hex 968A10 Background



This preview shows how black text looks on a background with the Hex color 968A10.



This preview shows how white text looks on a background with the Hex color 968A10.

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
968A10

Protanopia
9A8910

Deuteranopia
AC8118



Tritanopia
9E808A

Trichromacy



Original Color
968A10

Protanomaly
998910

Deuteranomaly
A48415

Tritanomaly
9B845E

Monochromacy



Original Color
968A10

Achromatopsia
808080

Achromatomaly
888457

CSS Examples

Text

The CSS property to change the color of the text to Hex 968A10 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 #968A10 looks like.

```
.text, #text, p{  
    color:#968A10  
}
```

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 #968A10 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #968A10
}
```

Border

The CSS property to change the border of an element to Hex 968A10 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
#968A10 }
```

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

```
.border{ border-color:#968A10 }
```

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

Here you see how a box with a 4 pixel #968A10 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #968A10; -webkit-box-shadow:4px 4px  
4px 4px #968A10; box-shadow:4px 4px 4px  
4px #968A10 }
```

Background

The CSS property to change the background color of an element to Hex 968A10 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#968A10 }
```

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

```
.background{ background-color:#968A10 }
```

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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