

Converting Colors

Hex(984112)

Have a look what the booklet for
Hex(984112) contains.

Hex(984112)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(984112)

Conversions

Conversions Part 1

Format	Color
Hex	984112
RGB	152, 65, 18
RGB Percent	60%, 25%, 7%
CMY	0.4039, 0.7451, 0.9294
CMYK	0.00, 0.57, 0.88, 0.40
HSL	21°, 79%, 33%
HSV	21°, 88%, 60%
XYZ	14.9484, 10.4997, 1.8110
YIQ	85.6550, 66.9390, 3.8270

Conversions

Conversions Part 2

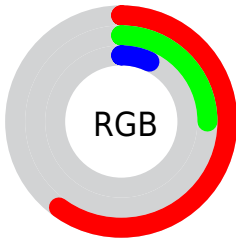
Format	Color
R_{YB}	152, 90, 18
Decimal	9978130
CIE _{Lab}	38.72, 34.01, 43.30
CIE _{LCh}	39, 55.059, 51.853
Yxy	10.4997, 0.5484, 0.3852
Android (android.graphics.Color)	4288168210 (0xFF984112)
YUV	85.6550, -33.3539, 58.1846
Hunter-Lab	32.4032, 25.6408, 19.3685

Details

The Hex color **984112** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **126998**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **D47342**, and **5E0F00** is the 20% darker color. If you saturate the color by 10%, you get **983703**, and if you desaturate by 10%, it is **984B21**.

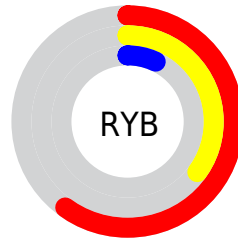
Distribution



Red (60%)

Green (25%)

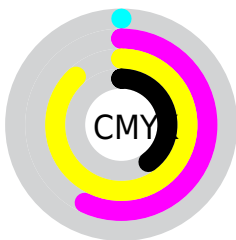
Blue (7%)



Red (60%)

Yellow (35%)

Blue (7%)

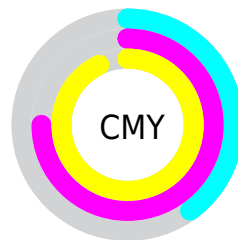


Cyan (0%)

Magenta (57%)

Yellow (88%)

Black (40%)



Cyan (40%)

Magenta (75%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 984112 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 984112 by changing the saturation by 10% instead.

 984112

 984112

FFFFFFD

 7B2900

 D47342

 5E0F00

 F38D5B

 410000

 FFA874

 290001

 FFC48E

 000000

 FFE0A9

 FFFDC4

 FFFFE1

 984112

 984112

■ 983703

■ 984B21

■ 983500

■ 985530

■ 985F40

■ 98684F

■ 98725E

■ 987C6D

■ 98867C

■ 98908C

■ 989A9B

Harmonies

Analogous

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



A82C3D



984112



795500

Triad

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



984112



006E4D



3C55AF

Complementary

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



984112



126998

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.



0064B4



984112



006F7B

Square

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



984112



006A1E



006CA1



843E93

Rectangle

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



984112



5F5F00



006CA1



005BB4

Sweetspot

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



984112



C4A391



981269



634F45



E3E3E3



636363

Same Dimension

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



984112



C44500



988412



4D4845



8C3100



0D0400

Inverse Universe

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



126998



007FC4



122698



454A4D



005B8C



00080D

Previews

White Background



This preview shows how the Hex color 984112 looks on a white background.

Color Contrast Check

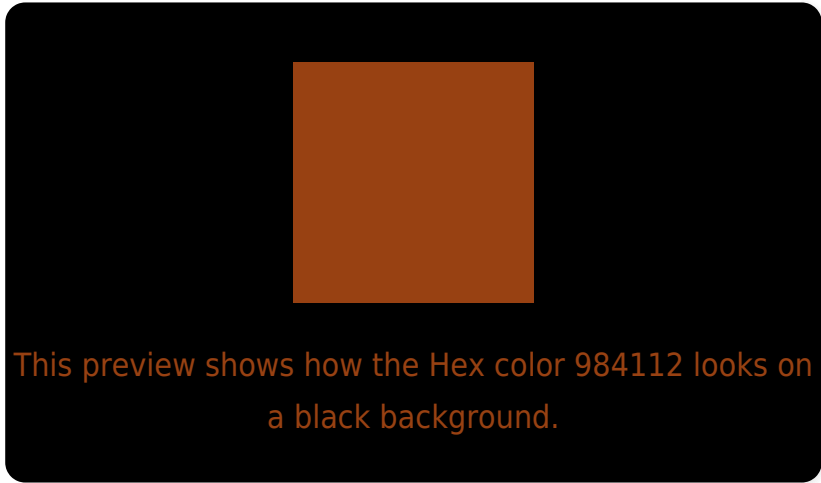
Large Text (above 18pt) WCAG AA ✓ Pass

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 984112 Background



This preview shows how black text looks on a background with the Hex color 984112.



This preview shows how white text looks on a background with the Hex color 984112.

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
984112

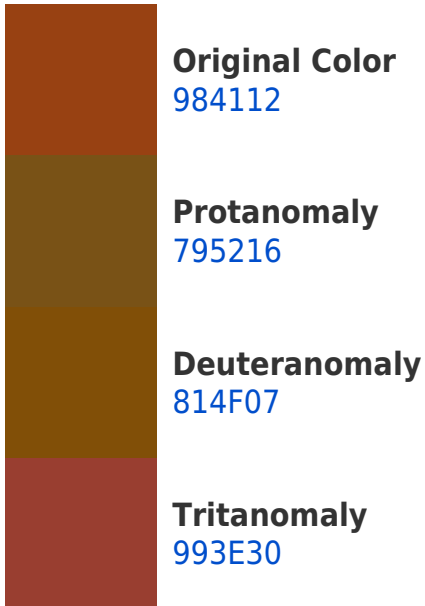
Protanopia
675C19

Deuteranopia
745700

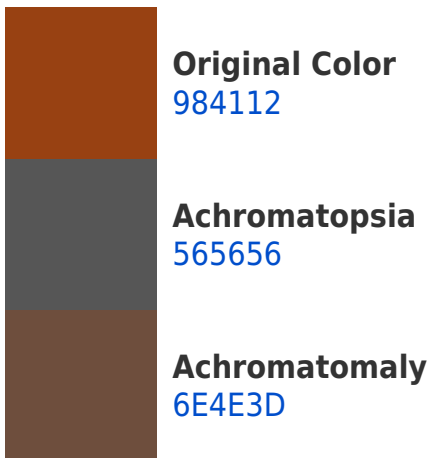


Tritanopia
9A3D41

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 984112 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 #984112 looks like.

```
.text, #text, p{  
    color:#984112  
}
```

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 #984112 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #984112
}
```

Border

The CSS property to change the border of an element to Hex 984112 is called "border". The border property can be set on classes, ids or directly on the HTML element.

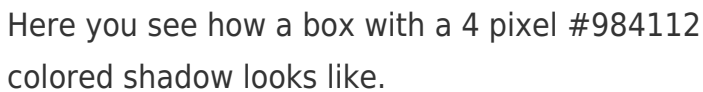
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#984112 }
```

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

```
.border{ border-color:#984112 }
```

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



Here you see how a box with a 4 pixel #984112 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #984112; -webkit-box-shadow:4px 4px  
4px 4px #984112; box-shadow:4px 4px 4px  
4px #984112 }
```

Background

The CSS property to change the background color of an element to Hex 984112 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#984112 }
```

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

```
.background{ background-color:#984112 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor