

Converting Colors

Hex(98B910)

Have a look what the booklet for
Hex(98B910) contains.

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Color

Hex(98B910)

Conversions

Conversions Part 1

Format	Color
Hex	98B910
RGB	152, 185, 16
RGB Percent	60%, 73%, 6%
CMY	0.4039, 0.2745, 0.9373
CMYK	0.18, 0.00, 0.91, 0.27
HSL	72°, 84%, 39%
HSV	72°, 91%, 73%
XYZ	30.3914, 41.4107, 6.8815
YIQ	155.8670, 34.5810, -59.5550

Conversions

Conversions Part 2

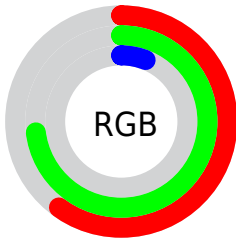
Format	Color
R_{YB}	16, 185, 49
Decimal	10008848
CIE _{Lab}	70.46, -30.78, 69.41
CIE _{LCh}	70, 75.926, 113.914
Yxy	41.4107, 0.3862, 0.5263
Android (android.graphics.Color)	4288198928 (0xFF98B910)
YUV	155.8670, -68.9544, -3.3914
Hunter-Lab	64.3512, -28.3137, 38.7056

Details

The Hex color **98B910** is a dark color, and the websafe version is hex **99CC33**. A complement of this color would be **3110B9**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **D2F154**, and **608400** is the 20% darker color. If you saturate the color by 10%, you get **95B900**, and if you desaturate by 10%, it is **9CB923**.

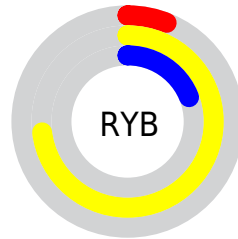
Distribution



Red (60%)

Green (73%)

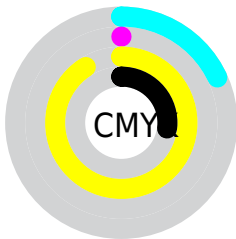
Blue (6%)



Red (6%)

Yellow (73%)

Blue (19%)

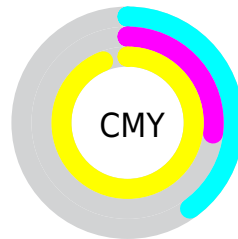


Cyan (18%)

Magenta (0%)

Yellow (91%)

Black (27%)



Cyan (40%)

Magenta (27%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 98B910 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 98B910 by changing the saturation by 10% instead.

 98B910

 98B910

FFFFFF

 7C9E00

 D2F154

 608400

 F0FF71

 456A00

 FFFF8D

 285200

 FFFFA9

 073B00

 FFFFC6

 002500

 FFFF E3

 000300

 000000

 98B910

 98B910

■ 95B900

■ 9CB923

■ 9FB935

■ A3B947

■ A6B95A

■ AAB96D

■ AEB97F

■ B1B992

■ B5B9A4

■ B9B9B6

Harmonies

Analogous

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



D9A400



98B910



30C555

Triad

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



98B910



00C7FF



FF67BD

Complementary

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



98B910



3110B9

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.



F280FF



98B910



00B9FF

Square

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



98B910



00CCE2



8FA0FF



FF6C79

Rectangle

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



98B910



00CA84



8FA0FF



FF6DD4

Sweetspot

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



98B910



E3F0AF



B92F10



707851



F7F7F7



787878

Same Dimension

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



98B910



C1F000



46B910



5A5C53



7D9C00



171C00

Inverse Universe

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



3110B9



2F00F0



8310B9



54535C



1E009C



05001C

Previews

White Background



This preview shows how the Hex color 98B910 looks on a white background.

Color Contrast Check

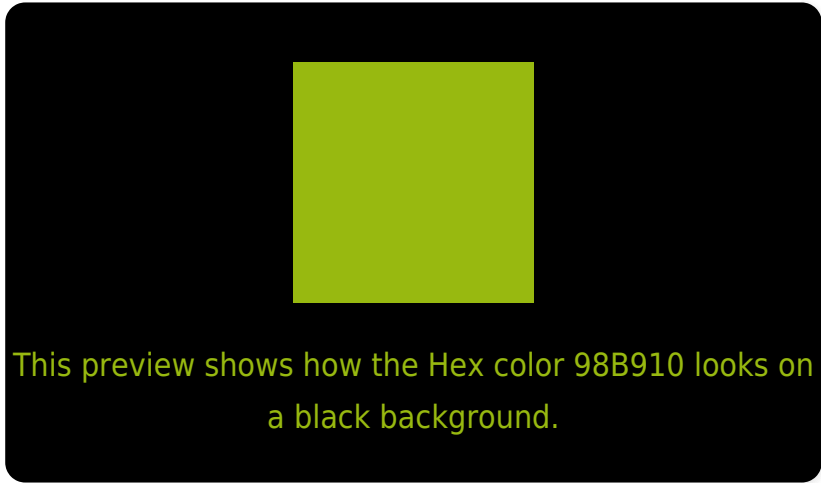
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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 ✓ Pass

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

Hex 98B910 Background



This preview shows how black text looks on a background with the Hex color 98B910.



This preview shows how white text looks on a background with the Hex color 98B910.

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

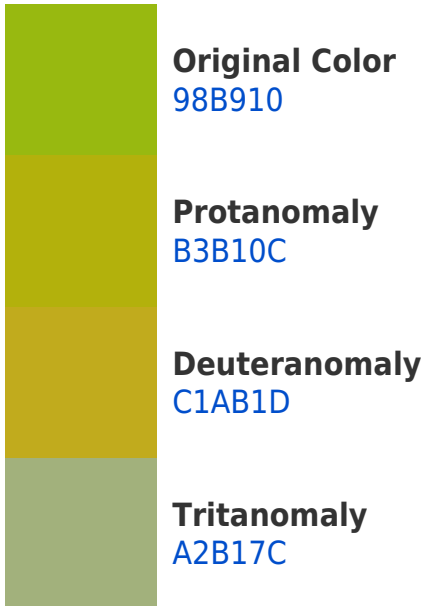


Original Color
98B910

Protanopia
C2AC09

Deuteranopia
D9A324

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 98B910 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 #98B910 looks like.

```
.text, #text, p{  
    color:#98B910  
}
```

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 #98B910 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #98B910
}
```

Border

The CSS property to change the border of an element to Hex 98B910 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
#98B910 }
```

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

```
.border{ border-color:#98B910 }
```

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

Here you see how a box with a 4 pixel #98B910 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #98B910; -webkit-box-shadow:4px 4px  
4px 4px #98B910; box-shadow:4px 4px 4px  
4px #98B910 }
```

Background

The CSS property to change the background color of an element to Hex 98B910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#98B910 }
```

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

```
.background{ background-color:#98B910 }
```

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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