

Converting Colors

Hex(958500)

Have a look what the booklet for
Hex(958500) contains.

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Color

Hex(958500)

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 958500 |
| RGB | 149, 133, 0 |
| RGB Percent | 58%, 52%, 0% |
| CMY | 0.4157, 0.4784, 1.0000 |
| CMYK | 0.00, 0.11, 1.00, 0.42 |
| HSL | 54°, 100%, 29% |
| HSV | 54°, 100%, 58% |
| XYZ | 20.7820, 23.1646, 3.3759 |
| YIQ | 122.6220, 52.2290, -37.9710 |

Conversions

Conversions Part 2

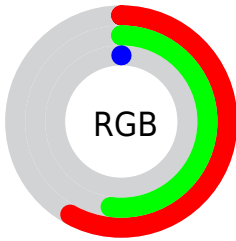
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 18, 149, 0 |
| Decimal | 9798912 |
| CIE Lab | 55.24, -5.85, 60.00 |
| CIE LCh | 55, 60.284, 95.572 |
| Yxy | 23.1646, 0.4392, 0.4895 |
| Android (android.graphics.Color) | 4287988992 (0xFF958500) |
| YUV | 122.6220, -60.4526, 23.1335 |
| Hunter-Lab | 48.1296, -7.1521, 29.5320 |

Details

The Hex color **958500** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **001095**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **CFBA44**, and **5E5400** is the 20% darker color. If you saturate the color by 10%, you get **958500**, and if you desaturate by 10%, it is **95870F**.

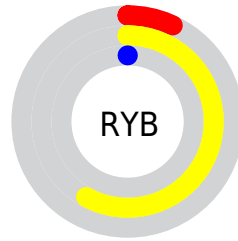
Distribution



Red (58%)

Green (52%)

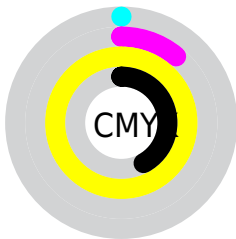
Blue (0%)



Red (7%)

Yellow (58%)

Blue (0%)

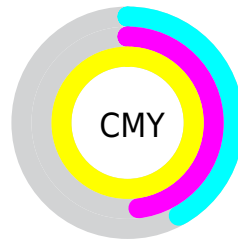


Cyan (0%)

Magenta (11%)

Yellow (100%)

Black (42%)



Cyan (42%)

Magenta (48%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 958500 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 958500 by changing the saturation by 10% instead.

 958500

 958500

FFFFFF

 796C00

 CFBA44

 5E5400

 ECD55F

 433D00

 FFF27A

 292800

 FFFF95

 0E1400

 FFFFB1

 000000

 FFFFCD

 FFFFEA

 958500

 95870F

 95881E

 958A2D

 958B3C

 958D4B

 958F59

 959068

 959277

 959386

Harmonies

Analogous

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



C0711F



958500



5E9226

Triad

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



958500



009CC0



CA5AB1

Complementary

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



958500



001095

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.



9272DA



958500



0095E3

Square

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



958500



009D8D



0087ED



E14F7D

Rectangle

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



958500



239846



0087ED



BC62C0

Sweetspot

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



958500



C2BC88



950011



615D3E



E0E0E0



616161

Same Dimension

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



958500



C2AD00



5C9500



4A4943



8A7B00



0A0900

Inverse Universe

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



001095



0015C2



390095



43434A



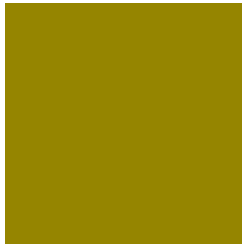
000F8A



00010A

Previews

White Background



This preview shows how the Hex color 958500 looks on a white background.

Color Contrast Check

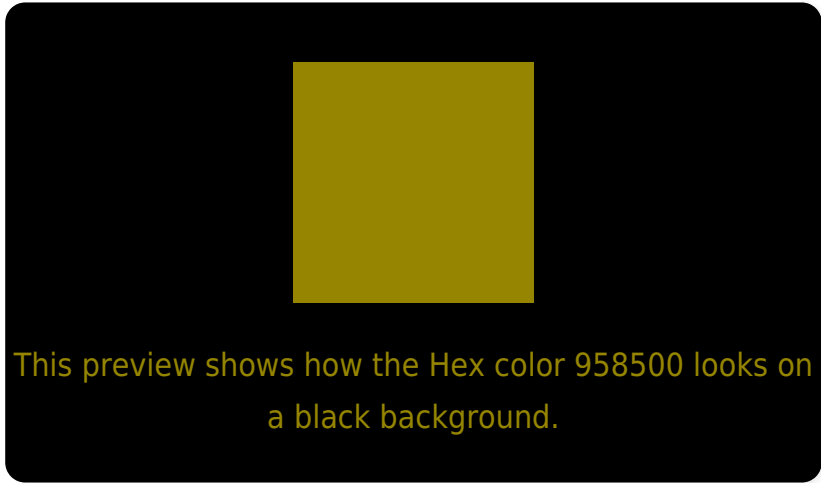
Large Text (above 18pt) WCAG AA ✓ Pass

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 958500 Background



This preview shows how black text looks on a background with the Hex color 958500.



This preview shows how white text looks on a background with the Hex color 958500.

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
958500

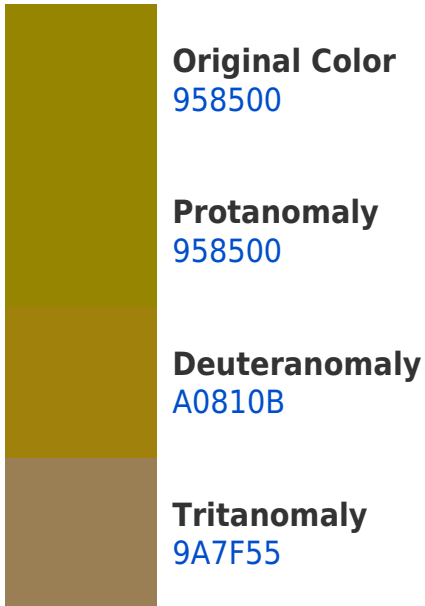
Protanopia
958500

Deuteranopia
A77E11

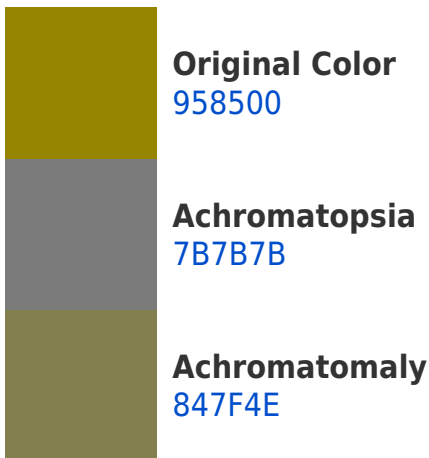


Tritanopia
9D7C85

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 958500 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 #958500 looks like.

```
.text, #text, p{  
    color:#958500  
}
```

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 #958500 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #958500
}
```

Border

The CSS property to change the border of an element to Hex 958500 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
#958500 }
```

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

```
.border{ border-color:#958500 }
```

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

Here you see how a box with a 4 pixel #958500 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #958500; -webkit-box-shadow:4px 4px  
4px 4px #958500; box-shadow:4px 4px 4px  
4px #958500 }
```

Background

The CSS property to change the background color of an element to Hex 958500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#958500 }
```

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

```
.background{ background-color:#958500 }
```

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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