

# Converting Colors

Hex(95942E)

Have a look what the booklet for  
Hex(95942E) contains.

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**Color**

**Hex(95942E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	95942E
RGB	149, 148, 46
RGB Percent	58%, 58%, 18%
CMY	0.4157, 0.4196, 0.8196
CMYK	0.00, 0.01, 0.69, 0.42
HSL	59°, 53%, 38%
HSV	59°, 69%, 58%
XYZ	23.4775, 27.7666, 6.7069
YIQ	136.6710, 33.3380, -31.5100

# Conversions

## Conversions Part 2

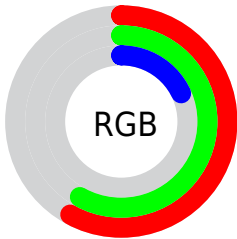
<b>Format</b>	<b>Color</b>
<b>RYB</b>	47, 149, 46
Decimal	9802798
CIELab	59.68, -12.48, 51.49
CIELCh	60, 52.982, 103.620
Yxy	27.7666, 0.4051, 0.4791
Android (android.graphics.Color)	4287992878 (0xFF95942E)
YUV	136.6710, -44.7008, 10.8125
Hunter-Lab	52.6940, -12.6851, 29.3394

# Details

The Hex color **95942E** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **2E2F95**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **CECA62**, and **5F6200** is the 20% darker color. If you saturate the color by 10%, you get **95941F**, and if you desaturate by 10%, it is **95943D**.

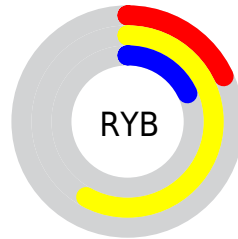
# Distribution



Red (58%)

Green (58%)

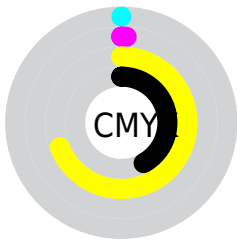
Blue (18%)



Red (18%)

Yellow (58%)

Blue (18%)

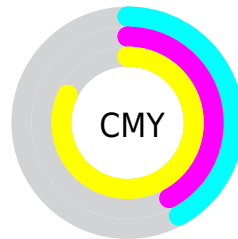


Cyan (0%)

Magenta (1%)

Yellow (69%)

Black (42%)



Cyan (42%)

Magenta (42%)

Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 95942E 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 95942E by changing the saturation by 10% instead.





95942E



95942E

FFFFFF



7A7A10



CECA62



5F6200



EBE67D



464A00



FFFF98



2C3400



FFFFB3



131F00



FFFFCF



000000



FFF FEC



95942E



95942E



95941F



95943D

 959410

 95944C

 959401

 95945B

 959400

 95956A

 959579

 959587

 959596

 9595A5

 9595B4

# Harmonies

## Analogous

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



BE8433



95942E



619F49

# Triad

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



95942E



00A4CF



D86AAB

# Complementary

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



95942E



2E2F95

# 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.



AE7BD4



95942E



009CE9

# Square

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



95942E



00A7A4



628EEA



E6667C

# Rectangle

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



95942E



2BA364



628EEA



CD6EBA



# Sweetspot

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



95942E



C2C199



952E30



616149



E0E0E0



616161



# Same Dimension

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



95942E



C2C021



63952E



4A4A43



8A8800



0A0A00



# Inverse Universe

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



2E2F95



2123C2



602E95



43434A



00018A



00000A



# Previews

## White Background



This preview shows how the Hex color 95942E looks on a white background.

## Color Contrast Check

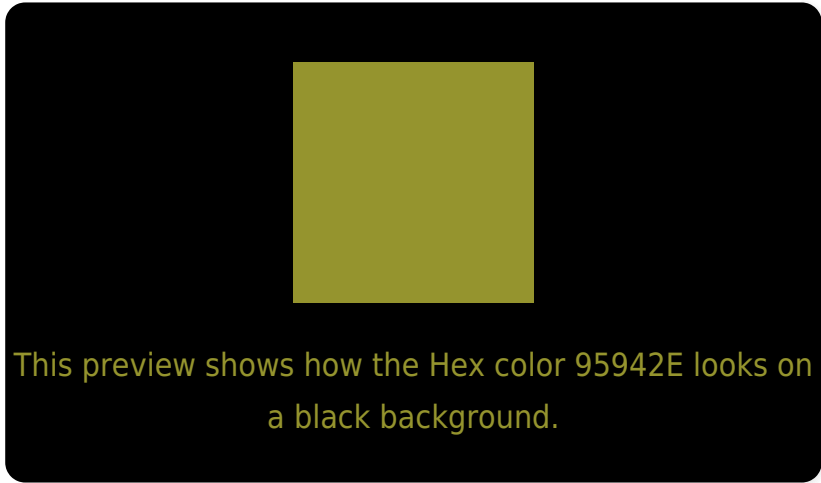
Large Text (above 18pt) WCAG AA ✓ Pass

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

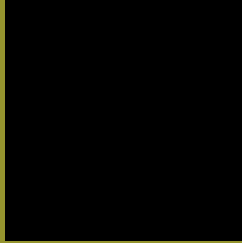
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 95942E Background



This preview shows how black text looks on a background with the Hex color 95942E.



This preview shows how white text looks on a background with the Hex color 95942E.

# 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**  
95942E

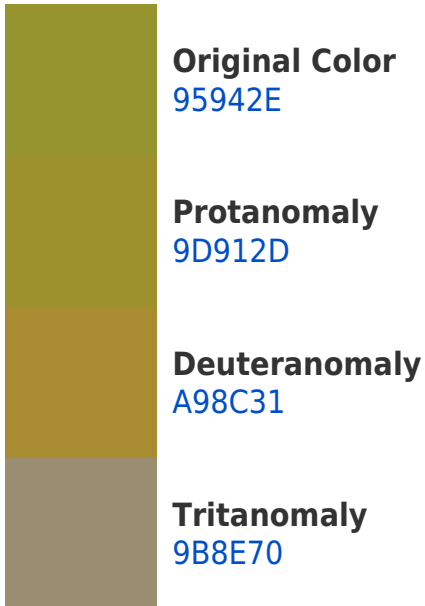
**Protanopia**  
A1902D

**Deuteranopia**  
B48832



**Tritanopia**  
9E8A95

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 95942E 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 #95942E looks like.

```
.text, #text, p{  
    color:#95942E  
}
```

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 #95942E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #95942E
}
```

## Border

The CSS property to change the border of an element to Hex 95942E 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
#95942E }
```

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

```
.border{ border-color:#95942E }
```

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

Here you see how a box with a 4 pixel #95942E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #95942E; -webkit-box-shadow:4px 4px  
4px 4px #95942E; box-shadow:4px 4px 4px  
4px #95942E }
```

# Background

The CSS property to change the background color of an element to Hex 95942E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#95942E }
```

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

```
.background{ background-color:#95942E }
```

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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