

# Converting Colors

Hex(91962E)

Have a look what the booklet for  
Hex(91962E) contains.

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**Color**

**Hex(91962E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	91962E
RGB	145, 150, 46
RGB Percent	57%, 59%, 18%
CMY	0.4314, 0.4118, 0.8196
CMYK	0.03, 0.00, 0.69, 0.41
HSL	63°, 53%, 38%
HSV	63°, 69%, 59%
XYZ	23.0765, 28.0297, 6.7788
YIQ	136.6490, 30.4040, -33.4040

# Conversions

## Conversions Part 2

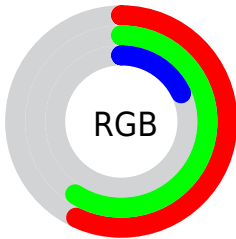
<b>Format</b>	<b>Color</b>
<b>RYB</b>	46, 150, 51
Decimal	9541166
CIELab	59.92, -15.30, 51.62
CIELCh	60, 53.841, 106.508
Yxy	28.0297, 0.3987, 0.4842
Android (android.graphics.Color)	4287731246 (0xFF91962E)
YUV	136.6490, -44.6900, 7.3238
Hunter-Lab	52.9431, -14.8468, 29.4687

# Details

The Hex color **91962E** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **332E96**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **C9CC62**, and **5B6300** is the 20% darker color. If you saturate the color by 10%, you get **90961F**, and if you desaturate by 10%, it is **92963D**.

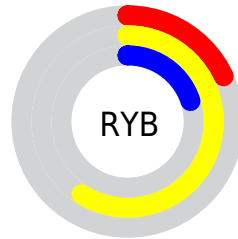
# Distribution



Red (57%)

Green (59%)

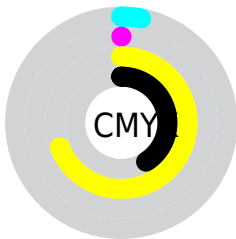
Blue (18%)



Red (18%)

Yellow (59%)

Blue (20%)

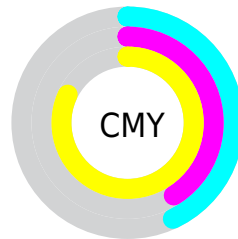


Cyan (3%)

Magenta (0%)

Yellow (69%)

Black (41%)



Cyan (43%)

Magenta (41%)

Yellow (82%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 91962E 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 91962E by changing the saturation by 10% instead.



 91962E

 91962E

FFFFFF

 767C10

 C9CC62

 5B6300

 E6E87D

 424C00

 FFFF98

 283500


 FFFFB3

 0E2000

 FFFF00

 000000

 FFFFEC

 91962E

 91962E

 90961F

 92963D

■ 909610

■ 92964C

■ 8F9601

■ 93965B

■ 8F9600

■ 94966A

■ 959679

■ 959688

■ 969697

■ 9796A6

■ 9796B5

# Harmonies

## Analogous

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



BC8630



91962E



5AA14C

# Triad

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



91962E



00A4D4



DC68A8

# Complementary

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



91962E



332E96

# 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.



B479D2



91962E



009CEC

# Square

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



91962E



00A8AA



6B8CEB



E86678

# Rectangle

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



91962E



17A569



6B8CEB



D26DB7



# Sweetspot

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



91962E



C0C299



96312E



606149



E0E0E0



616161



# Same Dimension

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



91962E



BAC221



5F962E



4A4A43



838A00



0A0A00



# Inverse Universe

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



332E96



2921C2



652E96



43434A



07008A



00000A



# Previews

## White Background



This preview shows how the Hex color 91962E looks on a white background.

## Color Contrast Check

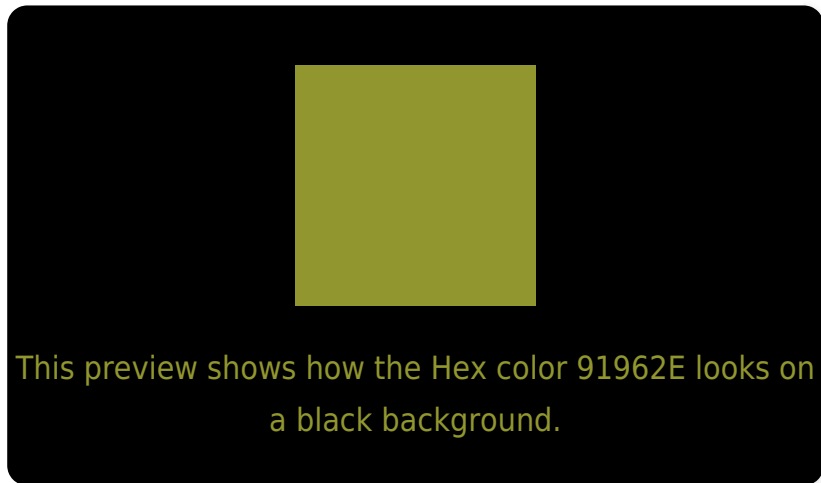
Large Text (above 18pt) WCAG AA ✓ Pass

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

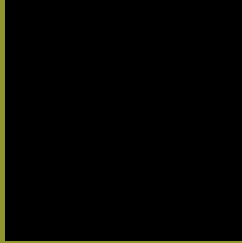
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 91962E Background



This preview shows how black text looks on a background with the Hex color 91962E.



This preview shows how white text looks on a background with the Hex color 91962E.

# 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**  
91962E

**Protanopia**  
A2912D

**Deuteranopia**  
B48933



**Tritanopia**  
9B8C97

# Trichromacy



**Original Color**  
91962E

**Protanomaly**  
9C932D

**Deuteranomaly**  
A78E31

**Tritanomaly**  
979071

# Monochromacy



**Original Color**  
91962E

**Achromatopsia**  
898989

**Achromatomaly**  
8C8E68

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 91962E 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 #91962E looks like.

```
.text, #text, p{  
    color:#91962E  
}
```

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 #91962E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #91962E
}
```

## Border

The CSS property to change the border of an element to Hex 91962E 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
#91962E }
```

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

```
.border{ border-color:#91962E }
```

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

Here you see how a box with a 4 pixel #91962E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #91962E; -webkit-box-shadow:4px 4px  
4px 4px #91962E; box-shadow:4px 4px 4px  
4px #91962E }
```

# Background

The CSS property to change the background color of an element to Hex 91962E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#91962E }
```

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

```
.background{ background-color:#91962E }
```

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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