

# Converting Colors

Hex(40950E)

Have a look what the booklet for  
Hex(40950E) contains.

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**Color**

**Hex(40950E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	40950E
RGB	64, 149, 14
RGB Percent	25%, 58%, 5%
CMY	0.7490, 0.4157, 0.9451
CMYK	0.57, 0.00, 0.91, 0.42
HSL	98°, 83%, 32%
HSV	98°, 91%, 58%
XYZ	12.9411, 22.6166, 4.0988
YIQ	108.1950, -7.3250, -60.0050

# Conversions

## Conversions Part 2

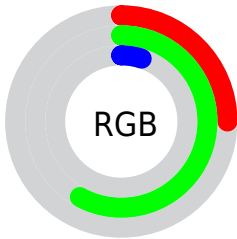
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	14, 149, 99
Decimal	4232462
CIE Lab	54.68, -47.41, 54.82
CIE LCh	55, 72.480, 130.851
Yxy	22.6166, 0.3263, 0.5703
Android (android.graphics.Color)	4282422542 (0xFF40950E)
YUV	108.1950, -46.4381, -38.7590
Hunter-Lab	47.5569, -34.6516, 28.1797

# Details

The Hex color **40950E** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **630E95**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **7ACC4B**, and **006100** is the 20% darker color. If you saturate the color by 10%, you get **379500**, and if you desaturate by 10%, it is **49951D**.

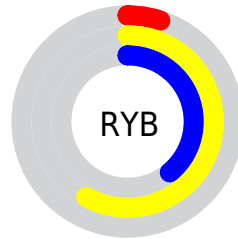
# Distribution



Red (25%)

Green (58%)

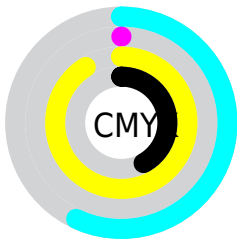
Blue (5%)



Red (5%)

Yellow (58%)

Blue (39%)

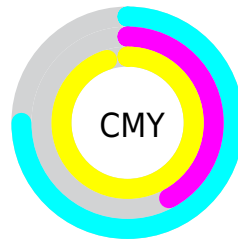


Cyan (57%)

Magenta (0%)

Yellow (91%)

Black (42%)



Cyan (75%)

Magenta (42%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 40950E 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 40950E by changing the saturation by 10% instead.



 40950E

 40950E

FFFFFF

 1F7B00

 7ACC4B

 006100

 96E866

 004800

 B3FF81

 003100

 D0FF9C

 001900

 EDFFB8

 000000

 FFFFD4

 FFFFF2

 40950E

 40950E

■ 379500

■ 49951D

■ 53952C

■ 5C953B

■ 66954A

■ 6F9559

■ 789567

■ 829576

■ 8B9585

■ 949594

# Harmonies

## Analogous

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



898700



40950E



009C57

# Triad

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



40950E



0095FA



F0396F

# Complementary

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



40950E



630E95

# 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.



DD45AD



40950E



0083FF

# Square

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



40950E



009DD4



A066E3



E35233

# Rectangle

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



40950E



009E83



A066E3



EE3884



# Sweetspot

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



40950E



A1C28D



95610E



4D6142



E0E0E0



616161



# Same Dimension

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



40950E



48C200



0E951E



454A43



338A00



040A00



# Inverse Universe

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



630E95



7A00C2



950E85



47434A



57008A



06000A



# Previews

## White Background



This preview shows how the Hex color 40950E looks on a white background.

## Color Contrast Check

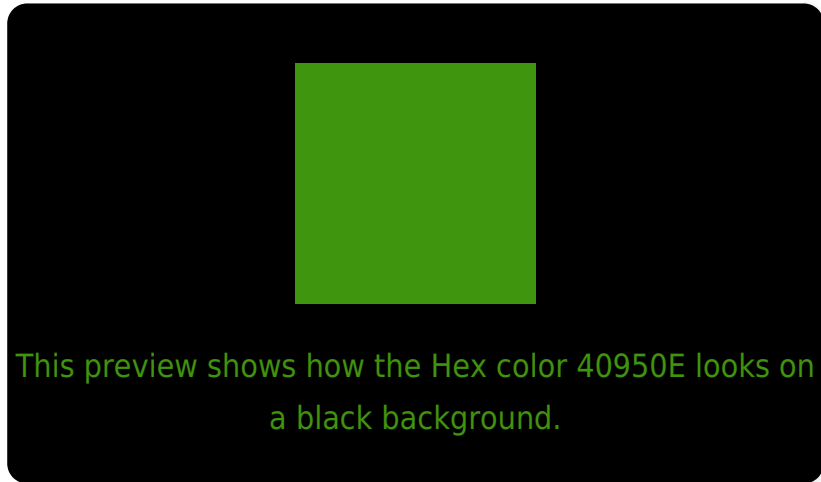
Large Text (above 18pt) WCAG AA ✓ Pass

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 40950E Background



This preview shows how black text looks on a background with the Hex color 40950E.

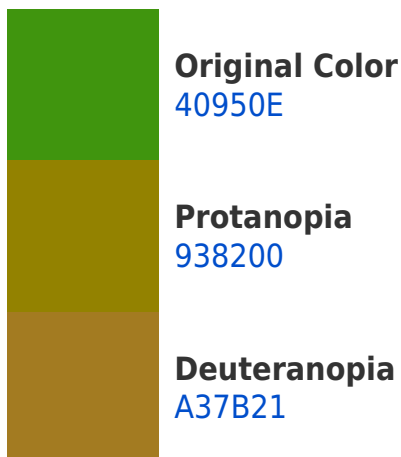


This preview shows how white text looks on a background with the Hex color 40950E.

# 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](#).

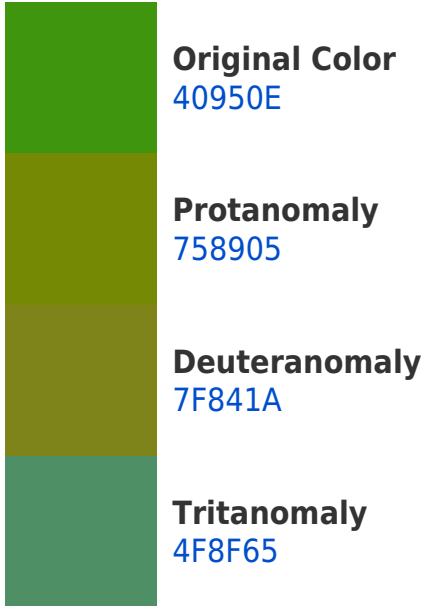
## Dichromacy



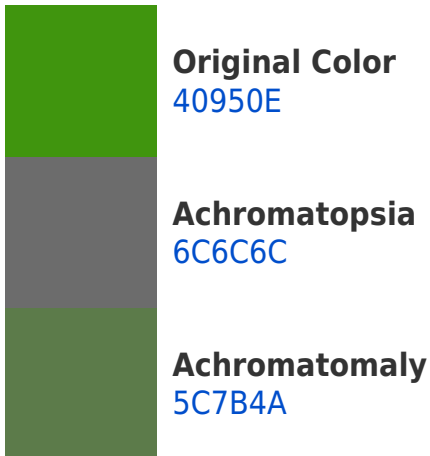


**Tritanopia**  
578B96

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 40950E 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 #40950E looks like.

```
.text, #text, p{  
    color:#40950E  
}
```

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 #40950E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #40950E
}
```

## Border

The CSS property to change the border of an element to Hex 40950E 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
#40950E }
```

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

```
.border{ border-color:#40950E }
```

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

Here you see how a box with a 4 pixel #40950E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #40950E; -webkit-box-shadow:4px 4px  
4px 4px #40950E; box-shadow:4px 4px 4px  
4px #40950E }
```

# Background

The CSS property to change the background color of an element to Hex 40950E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#40950E }
```

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

```
.background{ background-color:#40950E }
```

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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