

# Converting Colors

Hex(244E0A)

Have a look what the booklet for  
Hex(244E0A) contains.

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**Color**

**Hex(244E0A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	244E0A
RGB	36, 78, 10
RGB Percent	14%, 31%, 4%
CMY	0.8588, 0.6941, 0.9608
CMYK	0.54, 0.00, 0.87, 0.69
HSL	97°, 77%, 17%
HSV	97°, 87%, 31%
XYZ	3.5067, 5.8458, 1.2307
YIQ	57.6900, -3.2040, -30.0520

# Conversions

## Conversions Part 2

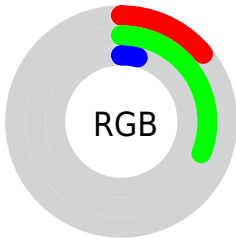
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	10, 78, 52
Decimal	2379274
CIE <sub>Lab</sub>	29.02, -27.60, 32.74
CIE <sub>LCh</sub>	29, 42.818, 130.133
Yxy	5.8458, 0.3313, 0.5524
Android (android.graphics.Color)	4280569354 (0xFF244E0A)
YUV	57.6900, -23.5112, -19.0221
Hunter-Lab	24.1780, -16.4222, 13.9067

# Details

The Hex color **244E0A** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **340A4E**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **56803A**, and **002200** is the 20% darker color. If you saturate the color by 10%, you get **1F4E02**, and if you desaturate by 10%, it is **294E12**.

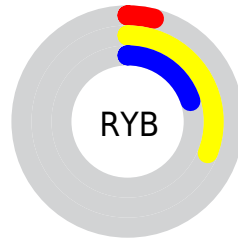
# Distribution



Red (14%)

Green (31%)

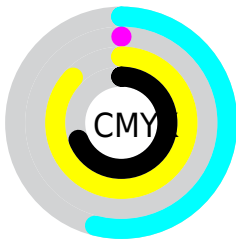
Blue (4%)



Red (4%)

Yellow (31%)

Blue (20%)

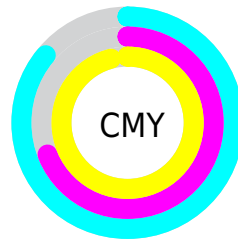


Cyan (54%)

Magenta (0%)

Yellow (87%)

Black (69%)



Cyan (86%)

Magenta (69%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 244E0A 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 244E0A by changing the saturation by 10% instead.



 244E0A


 244E0A

 FFFFF4

 0D3700

 56803A

 002200

 709A53

 000000

 8AB56B

 A5D085

 C1EDA0

 DDFFB B

 FAFFD7

 244E0A

 244E0A

■ 1F4E02

■ 294E12

■ 1E4E00

■ 2E4E1A

■ 324E21

■ 374E29

■ 3C4E31

■ 414E39

■ 464E41

■ 4B4E48

■ 4F4E50

# Harmonies

## Analogous

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



494600



244E0A



00522C

# Triad

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



244E0A



004E83



7F203B

# Complementary

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



244E0A



340A4E

# 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.



74265C



244E0A



004586

# Square

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



244E0A



00526E



533677



782B1B

# Rectangle

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



244E0A



005344



533677



7D2046



# Sweetspot

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



244E0A



56664B



4E340A



293323



B3B3B3



333333



# Same Dimension

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



244E0A



276600



0A4E12



242622



58E600

# Inverse Universe

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



340A4E



3F0066



4E0A46



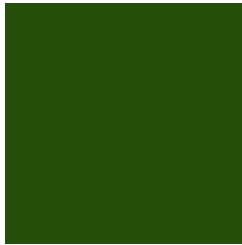
252226



8E00E6

# Previews

## White Background



This preview shows how the Hex color 244E0A looks on a white background.

## Color Contrast Check

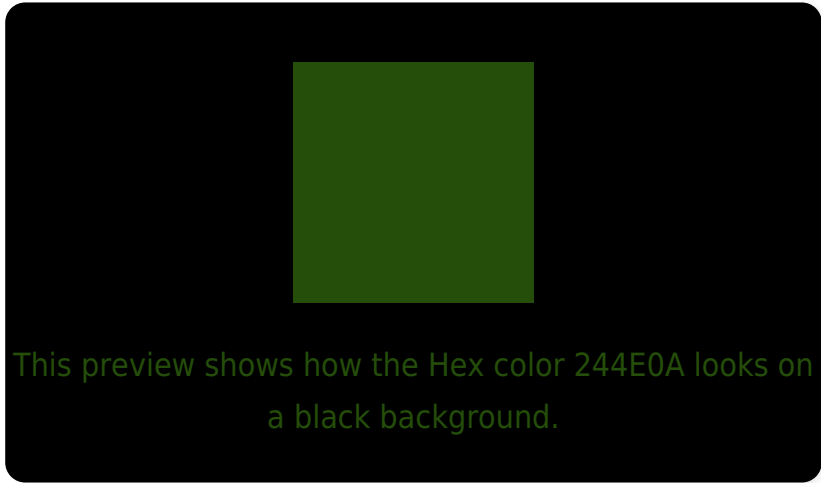
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

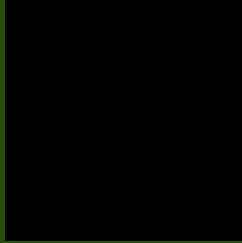
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

## Hex 244E0A Background



This preview shows how black text looks on a background with the Hex color 244E0A.



This preview shows how white text looks on a background with the Hex color 244E0A.

# 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

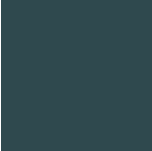


**Original Color**  
244E0A

**Protanopia**  
4D4507

**Deuteranopia**  
564113





**Tritanopia**  
2F494E

# Trichromacy



**Original Color**  
244E0A

**Protanomaly**  
3E4808

**Deuteranomaly**  
444610

**Tritanomaly**  
2B4B35

# Monochromacy



**Original Color**  
244E0A

**Achromatopsia**  
3A3A3A

**Achromatomaly**  
324129

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 244E0A 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 #244E0A looks like.

```
.text, #text, p{  
    color:#244E0A  
}
```

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 #244E0A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #244E0A
}
```

## Border

The CSS property to change the border of an element to Hex 244E0A 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
#244E0A }
```

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

```
.border{ border-color:#244E0A }
```

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

Here you see how a box with a 4 pixel #244E0A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #244E0A; -webkit-box-shadow:4px 4px  
4px 4px #244E0A; box-shadow:4px 4px 4px  
4px #244E0A }
```

# Background

The CSS property to change the background color of an element to Hex 244E0A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#244E0A }
```

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

```
.background{ background-color:#244E0A }
```

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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