

# Converting Colors

Hex(E19243)

Have a look what the booklet for  
Hex(E19243) contains.

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**Color**

**Hex(E19243)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E19243
RGB	225, 146, 67
RGB Percent	88%, 57%, 26%
CMY	0.1176, 0.4275, 0.7373
CMYK	0.00, 0.35, 0.70, 0.12
HSL	30°, 72%, 57%
HSV	30°, 70%, 88%
XYZ	42.3433, 36.9706, 10.2145
YIQ	160.6150, 72.4430, -7.8210

# Conversions

## Conversions Part 2

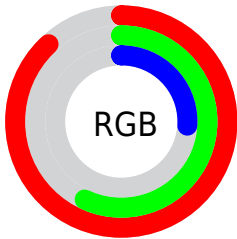
Format	Color
<a href="#">RYB</a>	<a href="#">225, 225, 67</a>
Decimal	<a href="#">14783043</a>
CIELab	<a href="#">67.25, 23.02, 52.67</a>
CIELCh	<a href="#">67, 57.476, 66.395</a>
Yxy	<a href="#">36.9706, 0.4730, 0.4129</a>
Android (android.graphics.Color)	<a href="#">4292973123 (0xFFE19243)</a>
YUV	<a href="#">160.6150, -46.1522, 56.4656</a>
Hunter-Lab	<a href="#">60.8034, 17.9009, 32.6022</a>

# Details

The Hex color **E19243** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **4392E1**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **FFC877**, and **A55F0C** is the 20% darker color. If you saturate the color by 10%, you get **E1872C**, and if you desaturate by 10%, it is **E19D59**.

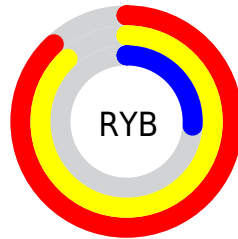
# Distribution



Red (88%)

Green (57%)

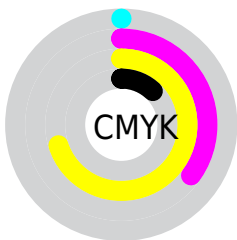
Blue (26%)



Red (88%)

Yellow (88%)

Blue (26%)

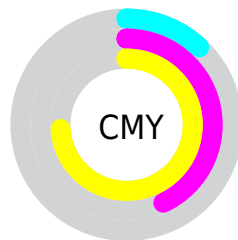


Cyan (0%)

Magenta (35%)

Yellow (70%)

Black (12%)



Cyan (12%)

Magenta (43%)

Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E19243 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 E19243 by changing the saturation by 10% instead.



 E19243

 E19243

FFFFFF

 C37829

 FFC877

 A55F0C

 FFE491

 874700

 FFFFAC

 6B3000

 FFFFC8

 4F1A00

 FFFF E5

 340400

 170001

 000000

 E19243

 E19243

 E1872C

 E19D59

 E17B16

 E1A870

 E17000

 E1B486

 E1BF9D

 E1CAB3

 E1D6CA

 E1E1E1

 E1ECF7

 E1F7FF

# Harmonies

## Analogous

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



FD7F69



E19243



B6A535

# Triad

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



E19243



00BDAE



B591F7

# Complementary

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



E19243



4392E1

# 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.



52A6FF



E19243



00BCE0

# Square

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



E19243



27BA78



00B4FF



EC7DCE

# Rectangle

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



E19243



93AE41



00B4FF



9B99FF

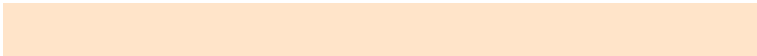


# Sweetspot

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



E19243



FFE4C9



E14392



807060



000000



808080



# Same Dimension

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



E19243



FF9429



E1DE43



706B65



B05800



301800



# Inverse Universe

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



4392E1



2994FF



4343E1



656B70



0058B0



001830



# Previews

## White Background



This preview shows how the Hex color E19243 looks on a white 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

# 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 ✓ Pass

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



## Hex E19243 Background



This preview shows how black text looks on a background with the Hex color E19243.



This preview shows how white text looks on a background with the Hex color E19243.

# 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**  
E19243

**Protanopia**  
B6A448

**Deuteranopia**  
CC9C40



**Tritanopia**  
E68994

# Trichromacy



**Original Color**  
E19243

**Protanomaly**  
C69D46

**Deuteranomaly**  
D49841

**Tritanomaly**  
E48C77

# Monochromacy



**Original Color**  
E19243

**Achromatopsia**  
A1A1A1

**Achromatomaly**  
B89C7F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E19243 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 #E19243 looks like.

```
.text, #text, p{  
    color:#E19243  
}
```

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 #E19243 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E19243
}
```

## Border

The CSS property to change the border of an element to Hex E19243 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
#E19243 }
```

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

```
.border{ border-color:#E19243 }
```

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

Here you see how a box with a 4 pixel #E19243 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E19243; -webkit-box-shadow:4px 4px  
4px 4px #E19243; box-shadow:4px 4px 4px  
4px #E19243 }
```

# Background

The CSS property to change the background color of an element to Hex E19243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E19243 }
```

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

```
.background{ background-color:#E19243 }
```

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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