

Converting Colors

Hex(CE9240)

Have a look what the booklet for
Hex(CE9240) contains.

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Color

Hex(CE9240)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | CE9240 |
| RGB | 206, 146, 64 |
| RGB Percent | 81%, 57%, 25% |
| CMY | 0.1922, 0.4275, 0.7490 |
| CMYK | 0.00, 0.29, 0.69, 0.19 |
| HSL | 35°, 59%, 53% |
| HSV | 35°, 69%, 81% |
| XYZ | 36.6579, 34.0497, 9.4907 |
| YIQ | 154.5920, 62.0820, -12.7820 |

Conversions

Conversions Part 2

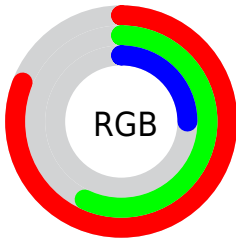
| Format | Color |
|-------------------------------------|---|
| RYB | 168, 206, 64 |
| Decimal | 13537856 |
| CIELab | 65.00, 14.81, 50.98 |
| CIELCh | 65, 53.089, 73.805 |
| Yxy | 34.0497, 0.4571, 0.4246 |
| Android (android.graphics.Color) | 4291727936 (0xFFCE9240) |
| YUV | 154.5920, -44.6619, 45.0848 |
| Hunter-Lab | 58.3522, 10.0207, 31.2033 |

Details

The Hex color **CE9240** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **407CCE**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **FFC873**, and **936008** is the 20% darker color. If you saturate the color by 10%, you get **CE892B**, and if you desaturate by 10%, it is **CE9B55**.

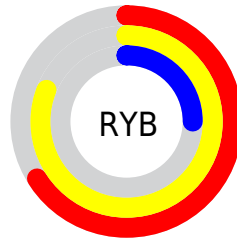
Distribution



Red (81%)

Green (57%)

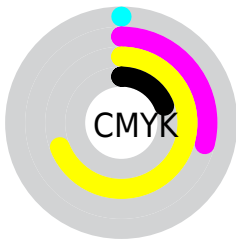
Blue (25%)



Red (66%)

Yellow (81%)

Blue (25%)

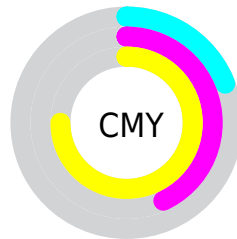


Cyan (0%)

Magenta (29%)

Yellow (69%)

Black (19%)



Cyan (19%)

Magenta (43%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color CE9240 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 CE9240 by changing the saturation by 10% instead.

 CE9240

 CE9240

FFFFFF

 B07826

 FFC873

 936008

 FFE48E

 774800

 FFFFA9

 5B3100

 FFFFC5

 401C00

 FFFFEE

 270600

FFFFFFE

 000000

 CE9240

 CE9240

 CE892B

 CE9B55

■ CE8117

■ CEA369

■ CE7802

■ CEAC7E

■ CE7700

■ CEB592

■ CEBEA7

■ CEC6BC

■ CECFD0

■ CED8E5

■ CEE0F9

Harmonies

Analogous

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



EC805E



CE9240



A4A23C

Triad

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



CE9240



00B5B3



BD88E3

Complementary

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



CE9240



407CCE

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.



729BFA



CE9240



00B3DE

Square

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



CE9240



00B482



00AAF9



E878B9

Rectangle

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



CE9240



82AA4B



00AAF9



A88FED

Sweetspot

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



CE9240



FFE8C9



CE407E



807260



000000



808080

Same Dimension

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



CE9240



FFA62B



C5CE40



66625C



A66000



261600

Inverse Universe

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



407CCE



2B85FF



4940CE



5C6066



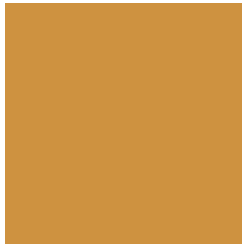
0046A6



001026

Previews

White Background



This preview shows how the Hex color CE9240 looks on a white background.

Color Contrast Check

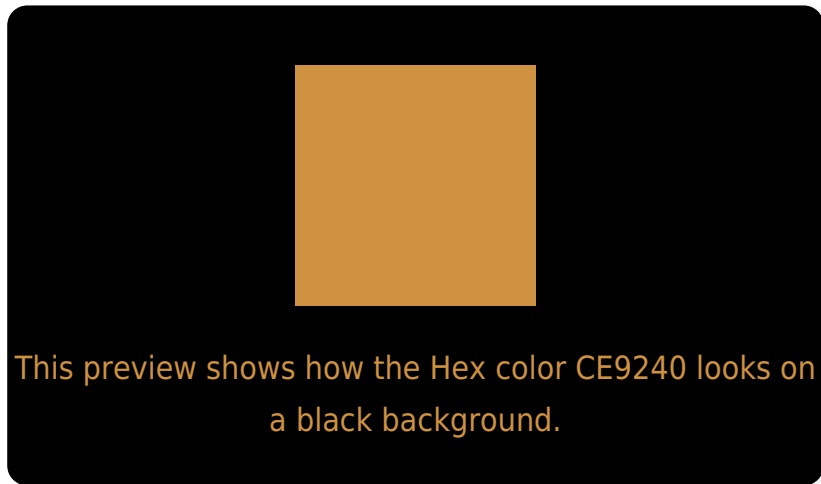
Large Text (above 18pt) WCAG AA × Fail

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

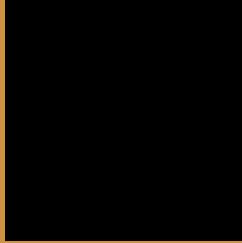
Any Text WCAG AA ✓ Pass

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 CE9240 Background



This preview shows how black text looks on a background with the Hex color CE9240.



This preview shows how white text looks on a background with the Hex color CE9240.

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
CE9240

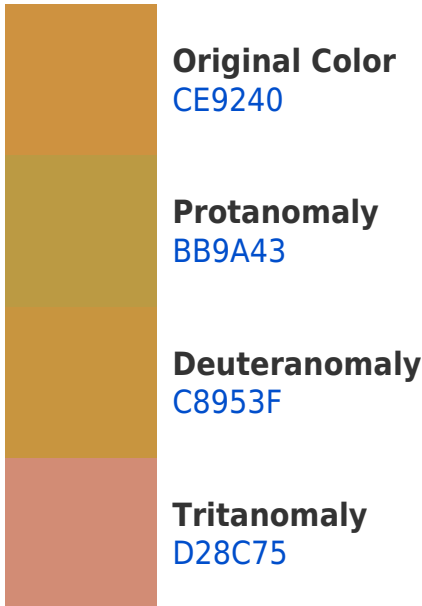
Protanopia
B09E44

Deuteranopia
C5963F

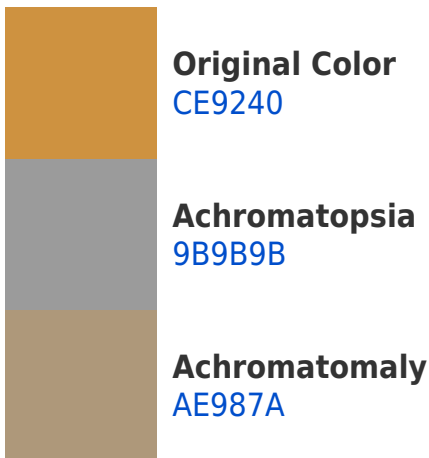


Tritanopia
D48994

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CE9240 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 #CE9240 looks like.

```
.text, #text, p{  
    color:#CE9240  
}
```

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 #CE9240 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CE9240
}
```

Border

The CSS property to change the border of an element to Hex CE9240 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
#CE9240 }
```

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

```
.border{ border-color:#CE9240 }
```

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

Here you see how a box with a 4 pixel #CE9240 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CE9240; -webkit-box-shadow:4px 4px  
4px 4px #CE9240; box-shadow:4px 4px 4px  
4px #CE9240 }
```

Background

The CSS property to change the background color of an element to Hex CE9240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CE9240 }
```

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

```
.background{ background-color:#CE9240 }
```

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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